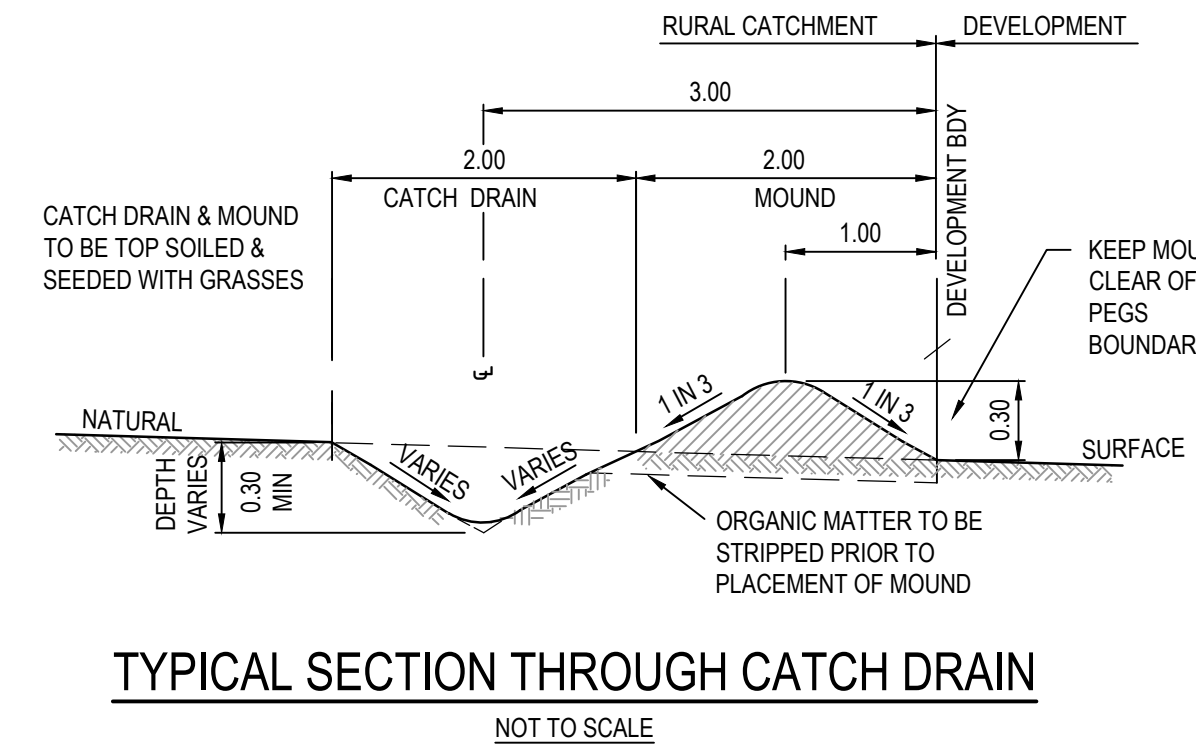
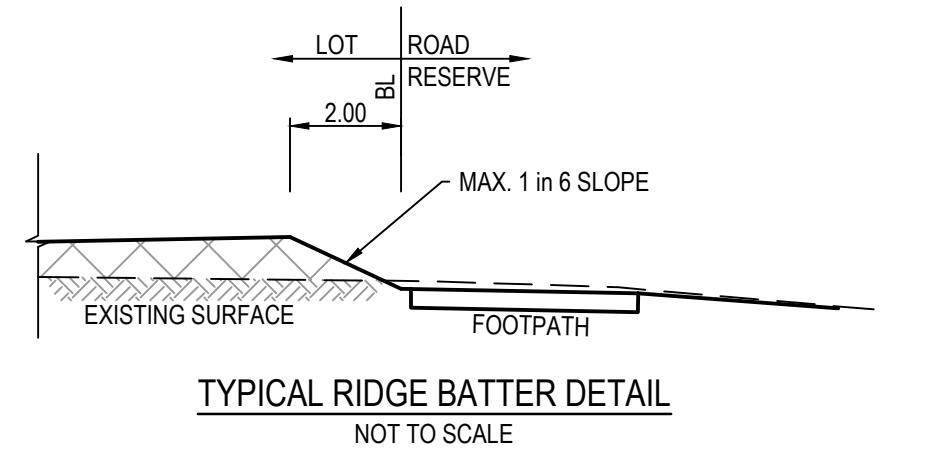
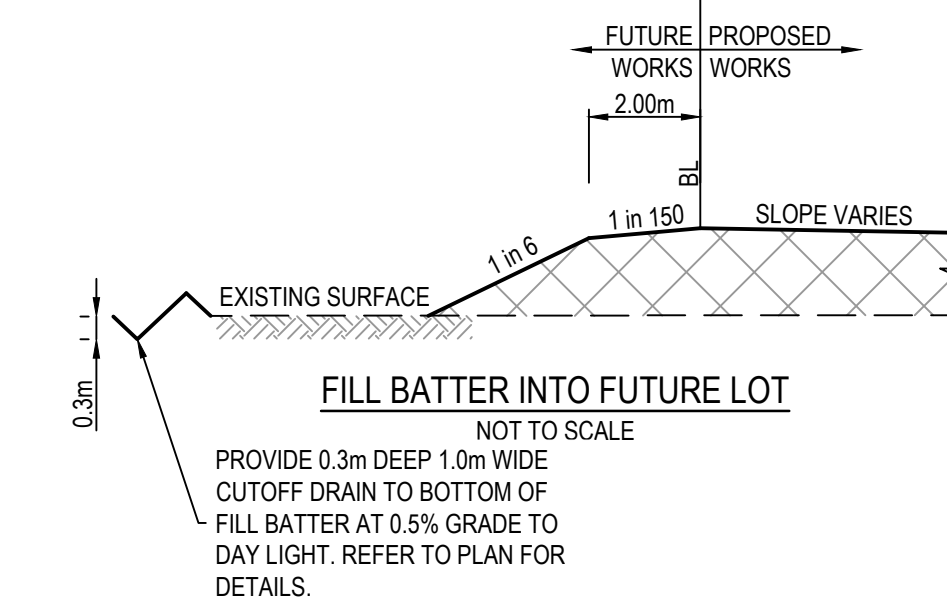
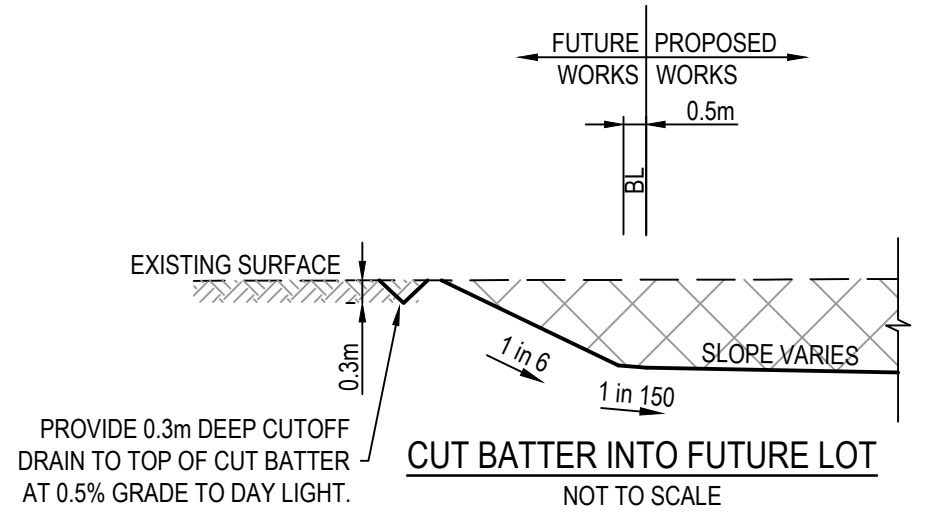
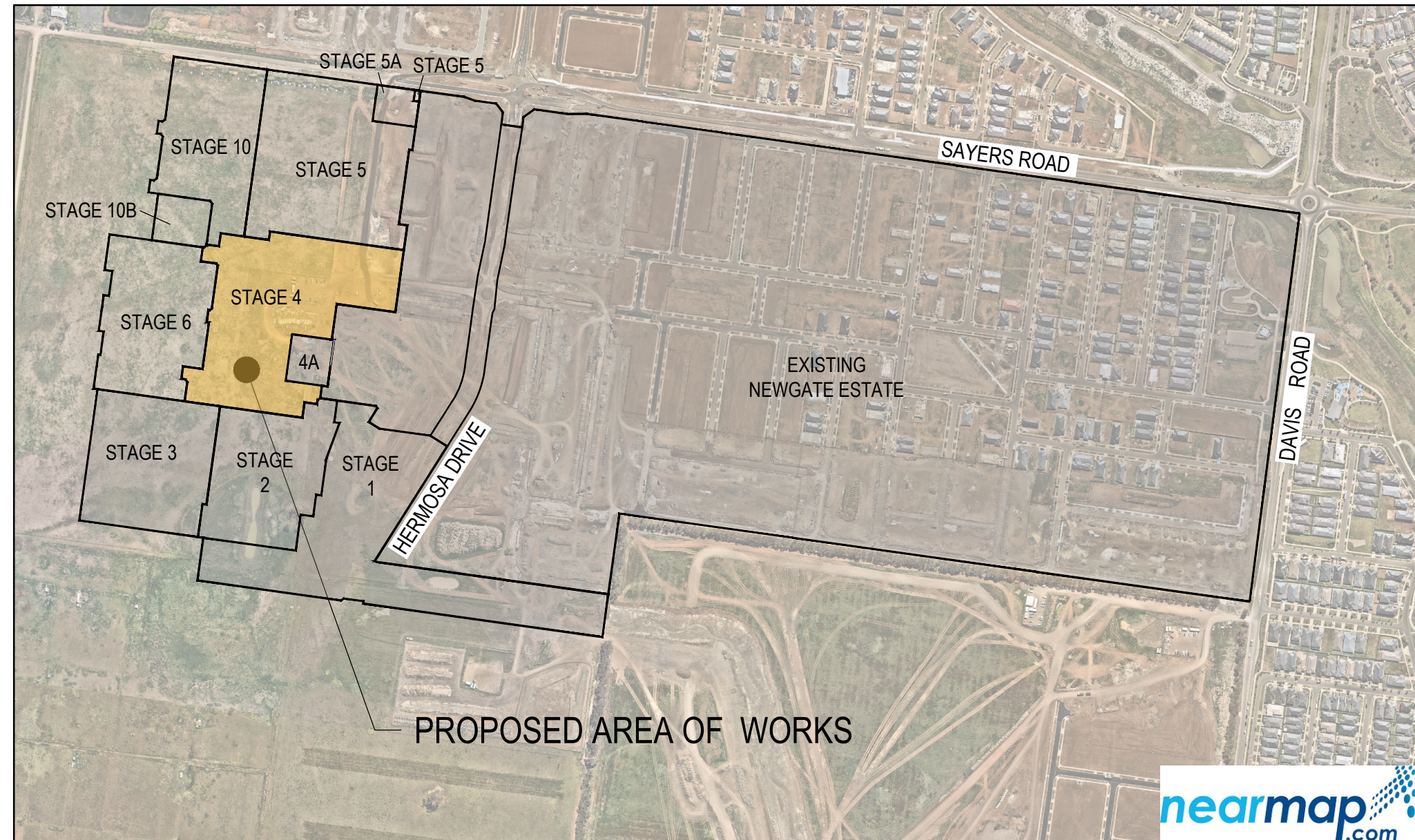


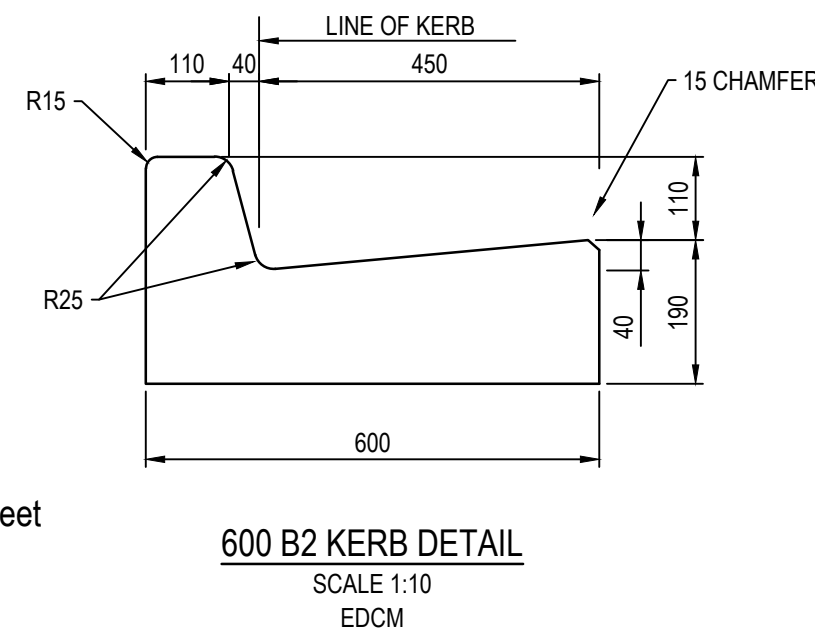
Alamora Estate Stage 4 Sayers Road, Tarneit



Drawing Index

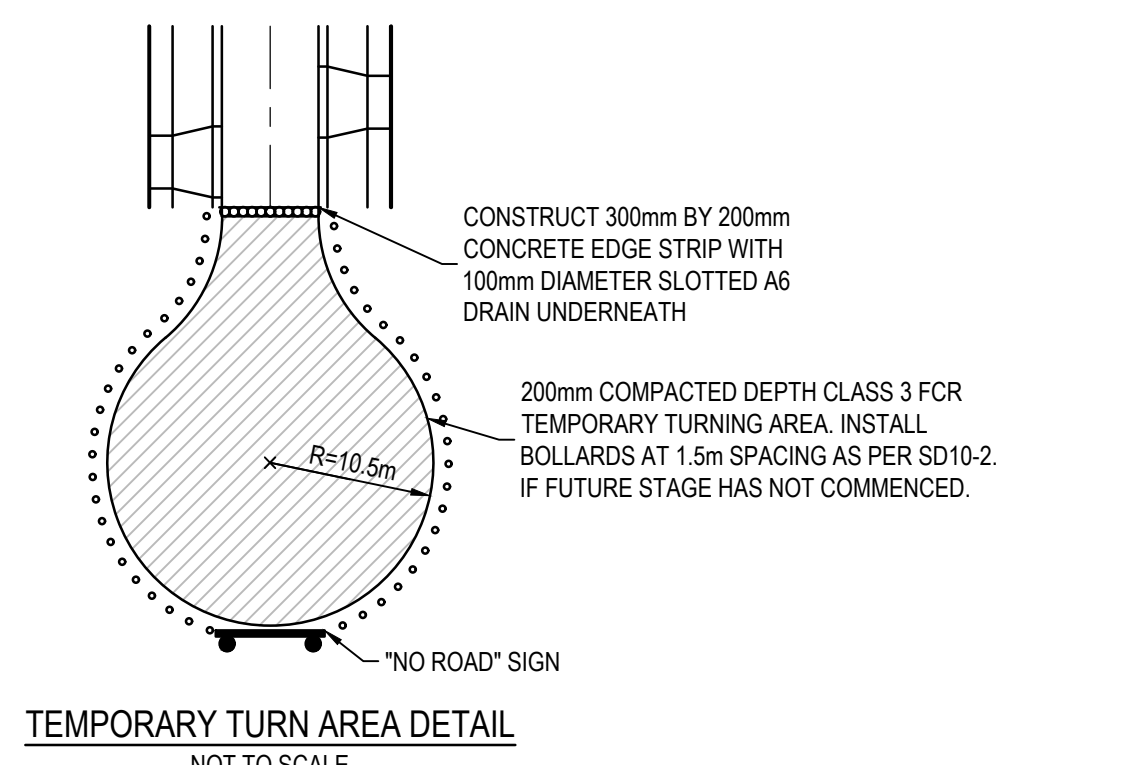
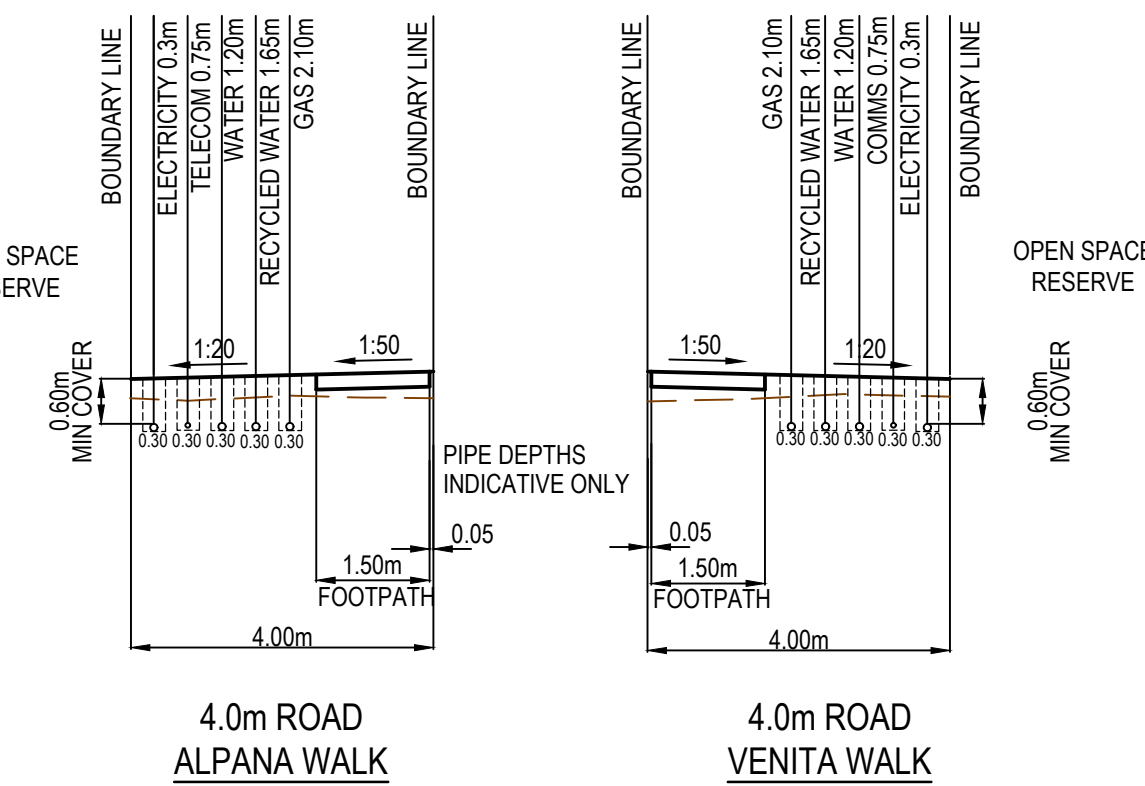
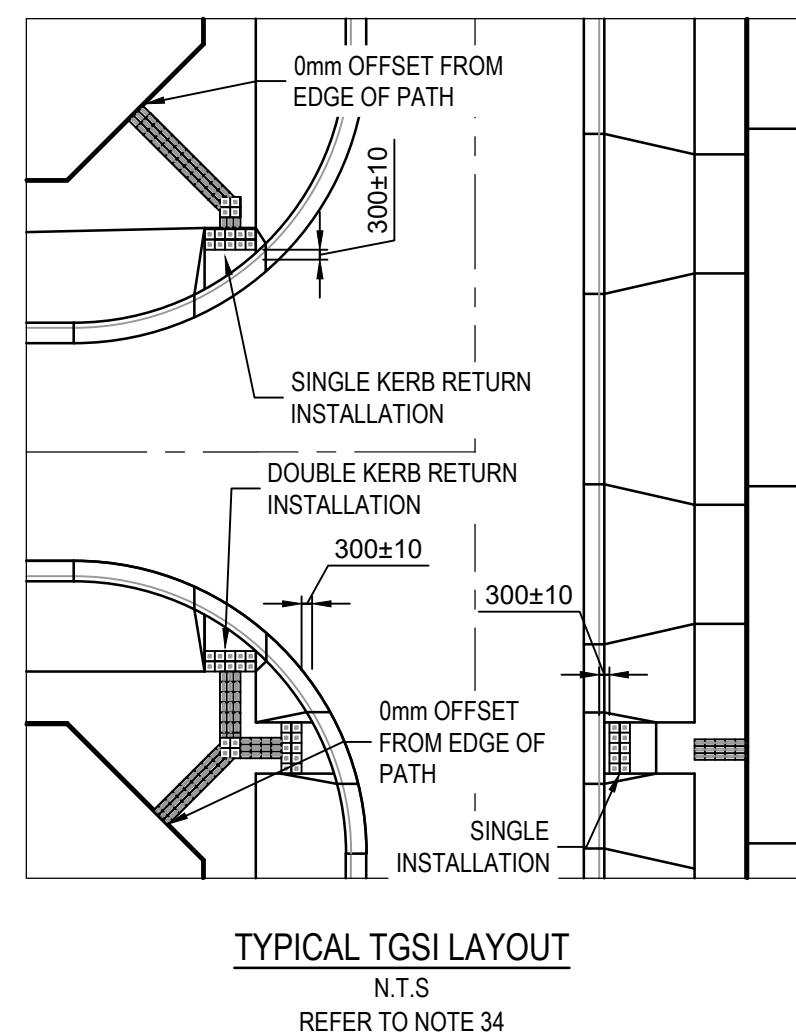
- 2070E-A04-01 Cover Plan
- 2070E-A04-02 Layout Plan
- 2070E-A04-03 Earthworks Plan
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Locality Plan N.T.S.



ROAD NAME	ROAD RESERVE WIDTH (m)	ROAD LAYOUT TABLE				KERB TYPE		VERGE WIDTH (m)	
		LIP TO LIP	INV TO INV	BACK TO BACK	NTH/WEST	STH/EAST	NTH/WEST	STH/EAST	
CENTURION AVENUE	18.00	6.40	7.30	7.60	B2	B2	5.20	5.20	
MONFERRATO AVENUE	18.00	6.40	7.30	7.60	B2	B2	5.20	5.20	
LAYLA CRESCENT	16.00	6.40	7.30	7.60	B2	B2	4.20	4.20	
PROSECCO STREET	16.00	6.40	7.30	7.60	B2	B2	4.20	4.20	
FERONIA AVENUE	16.00	6.40	7.30	7.60	B2	B2	4.20	4.20	
PIPERS STREET	16.00	6.40	7.30	7.60	B2	B2	4.20	4.20	
AMARA STREET	16.00	6.40	7.30	7.60	B2	B2	4.20	4.20	
CORONADO WAY	16.00	6.40	7.30	7.60	B2	B2	4.20	4.20	
SIBELLA LANE	8.00	5.50	-	-	-	-	0.05	2.45	
VENITA WALK	4.00	-	-	-	-	-	0.05	2.45	
ALPANA WALK	4.00	-	-	-	-	-	2.45	0.05	
MELODY LANE	10.00	6.00	-	-	-	-	1.00	3.00	

ROAD NAME	SERVICES OFFSET TABLE				
	GAS OFFSET (m)	WATER OFFSET (m)	RECYCLED WATER OFFSET (m)	ELECTRICITY OFFSET (m)	OPTIC FIBRE OFFSET (m)
CENTURION AVENUE	2.10 S	3.10 S	2.60 S	2.50 N	1.80 N
MONFERRATO AVENUE	2.10 W	3.10 W	2.60 W	2.60 E	1.80 E
LAYLA CRESCENT (LOT 426 - 429)	2.10 E	3.10 E	2.60 E	2.50 W	1.80 W
LAYLA CRESCENT (LOT 430 & 432)	2.10 N	3.10 N	2.60 N	2.50 S	1.80 S
PROSECCO STREET (LOT 457 & 458)	2.10 S	3.10 S	2.60 S	2.50 N	1.80 N
PROSECCO STREET (LOT 453 - 457)	2.10 W	3.10 W	2.60 W	2.50 E	1.80 E
FERONIA AVENUE	2.10 N	3.10 N	2.60 N	2.50 S	1.80 S
PIPERS STREET	2.10 E	3.10 E	2.60 E	2.50 W	1.80 W
AMARA STREET	2.10 W	3.10 W	2.60 W	2.50 E	1.80 E
CORONADO WAY	2.10 E	3.10 E	2.60 E	2.50 W	1.80 W
SIBELLA LANE	-	-	-	-	-
VENITA WALK	2.10 E	1.65 E	1.20 E	0.30 E	0.75 E
ALPANA WALK	2.10 W	1.65 W	1.20 W	0.30 W	0.75 W
FUT. MELODY LANE	2.70E	1.70E	2.20E	1.20 E	0.70E
ISHAR STREET	2.10 E	3.10 E	2.60 E	-	-



GENERAL NOTES (WYNDHAM CITY COUNCIL)

1. THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDM ADDENDUM STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
2. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
3. THE CONTRACTOR SHALL:
 - 3.1. COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY RULES, AND THE MINES (TRENCHES) REGULATIONS 1982.
 - 3.2. NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF HIS INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
 - 3.3. ENSURE THAT THE MINE MANAGER OR HIS DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
4. THE CONTRACTOR IS TO NOTIFY COUNCIL AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
6. TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS. NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY EXISTING TREE UNTIL APPROVAL HAS BEEN GIVEN BY COUNCIL'S SUPERVISING OFFICER.
7. ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB. DO NOT SCALE OFF THESE DRAWINGS. WRITTEN DIMENSIONS ONLY SHALL BE USED.
8. CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS E.G.H.R.T&W ABOVE CONDUIT LOCATIONS AS SPECIFIED. RESPECTIVE LETTERS TO BE INDICATED ABOVE RELEVANT CONDUITS AS PER STANDARD DRAWING EDM 303. CONDUITS TO BE PLACED MINIMUM OF 5m FROM BOUNDARIES WHERE POSSIBLE AND TO THE SATISFACTION OF THE SUPERINTENDENT IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS.
9. SUBSOIL DRAINS SHALL BE INSTALLED BEHIND OR BELOW ALL KERB AND CHANNEL AS PER STANDARD DRAWINGS EDM 202 (EXPANSIVE SUBGRADE).
10. ALL LINEMARKING, SIGNING AND TRAFFIC CONTROL DEVICES TO BE IN ACCORDANCE WITH VICROADS REQUIREMENTS WITH LATERAL WORKS AND ARROWSBEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGAOUR OR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SEE SECTION 710&722).
11. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
12. THE CONTRACTOR WHEN ENGAGED IN BLASTING OPERATION, SHALL NOT BLAST WITHIN 4.5m OF AN EXISTING LINE OF WATER, GAS OR SEWER PIPES OR WITHIN 15m OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE ENGINEER.
13. ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES SHALL BE SURFACED WITH A 100mm MINIMUM TO 200mm MAXIMUM LAYER OF TOPSOIL AS SPECIFIED. ALL FILLING ON ALLOTMENTS TO BE COMPACTED TO 95% STANDARD COMPACTION IN 150mm LAYERS AND AS PER THE SPECIFICATION. WHERE THERE IS FILL IN EXCESS OF 300mm IN DEPTH, THE CONTRACTOR IS TO CARRY OUT SOIL TESTS TO THE REQUIREMENTS OF APPENDIX B AS SPECIFIED IN THE AUSTRALIAN STANDARD AS 3798 TO SHOW THAT LEVEL 1 COMPACTION STANDARDS HAVE BEEN ACHIEVED. TEST RESULTS AND LOCATION OF TESTS FOR EACH ALLOTMENT SHALL BE APPROVED BY THE CONTRACTOR AND FORWARDED TO COUNCIL.
14. FILL MATERIAL USED UNDER PAVEMENTS AND FOOTPATHS MUST BE AN APPROVED MATERIAL TO THE STANDARD OF WYNDHAM CITY COUNCIL. ALL SUCH MATERIAL IS TO BE COMPACTED AS PER THE REQUIREMENTS OF THE SPECIFICATION APPROVED WITH THESE DRAWINGS PRIOR TO FORMWORK BEING PLACED. COMPACTION TESTS TO BE COMPLETED AND PROVIDED TO SUPERINTENDENT.
15. FILL & CUT BATTERS ARE NOT TO EXCEED 1 IN 6 SLOPE, UNLESS SHOWN OTHERWISE.
16. ALL ALLOTMENTS SHALL BE SMOOTHED, GRADED AND SHAPED TO AN EVEN SURFACE WITH A MINIMUM FALL OF 1 IN 150 TO THE DRAINAGE OUTLET SHOWN.
17. ALL DRAINAGE PIPES ARE CLASS 2 RCP PIPES, RUBBER RING JOINTED UNLESS OTHERWISE SPECIFIED.
18. DRAINAGE PITS SHALL BE CAST MONOLITHICALLY. CEMENT RENDER SHALL ONLY BE USED TO REPAIR DEFECTS.
19. BACKFILLING OF TRENCHES WHERE DRAINAGE AND SEWERAGE ARE IN CLOSE PROXIMITY ARE TO BE BACKFILLED AS PER WYNDHAM CITY COUNCIL STANDARD DRAWING SD6-10.
20. ALL SERVICING TRENCHES UNDER ROADS, FOOTPATHS, DRIVEWAYS, PARKING BAYS ETC. ARE TO BE BACKFILLED WITH CLASS 2 F.C.R.
21. ALL HOUSE DRAIN CONNECTIONS TO BE INSTALLED AT 6m FROM THE LOW SIDE BOUNDARY U.O.
22. INVERT OF PROPERTY INLETS TO BE 500mm MINIMUM BELOW FINISHED SURFACE UNLESS NOTED OTHERWISE.
23. VEHICLE CROSSINGS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWINGS EDM 501 TO 503. DRIVEWAYS TO BE LOCATED MIN 0.75m FROM BUILDING LINE UNLESS SPECIFIED OTHERWISE AND CLEAR OF DRAINAGE PITS, SEWER MAINTENANCE HOLES AND EXISTING TREES. DOUBLE DRIVEWAY WIDTH TO BE 7.0m AT FRONT OF PATH/BUILDING LINE.
24. ADDITIONAL AND OVER-EXCAVATION SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATION.
25. FOOTPATH CROSSFALL TO BE 1:50
26. ALL FOOTPATHS AND SHARED PEDESTRIAN/BICYCLE PATHS ARE TO BE CONSTRUCTED AS PER CITY OF WYNDHAM SPECIFICATIONS AND MPA STANDARD DRAWINGS EDM 401 TO 403.
27. ALL EXOTIC (NON-NATIVE) TREES AND SHRUBS, INCLUDING DEAD TREES, NOT SHOWN ON THE DRAWINGS BUT LOCATED WITHIN THE WORKS ARE TO BE REMOVED AND DISPOSED OFFSITE.
28. INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER (BRPM) ON ROAD CENTRELINE AND "GROUND BALL" MARKER POST TO INDICATE LOCATION OF FIREPLUG.
29. THE CONTRACTOR IS TO ENSURE THAT THEIR CONSTRUCTION PROCEDURES AND STANDARDS CONTROL THE VOLUME AND LOCATION FOR COLLECTION OF SEDIMENT RUNOFF ACCORDING TO CURRENT EPA - ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES.
30. UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED UP, GRADED AND ALL RUBBISH REMOVED. THE SITE IS TO BE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
31. EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE COUNCIL ENGINEER.
32. THE LOWER SUB-BASE MATERIAL SHALL WILL BE N.D.C.R. FOR PAVEMENT MAKE UPS AS PER THE STANDARD DRAWINGS OF WYNDHAM CITY COUNCIL.
33. TOTAL LENGTH OF ROADS CONSTRUCTED IS 940m
34. TOTAL LENGTH OF DRAINS CONSTRUCTED IS 1057m
35. ALL TGS1 TO BE INSTALLED IN ACCORDANCE WITH AS1428.

REINFORCED CONCRETE PIPE

1. ALL STORMWATER DRAINAGE PIPES SHALL NOT BE SUBJECTED TO CONSTRUCTION TRAFFIC LOADING DURING CONSTRUCTION UNLESS THE PIPE STRENGTH CHARACTERISTICS HAVE BEEN COMPUTED AND APPROVED BY THE CONTRACTORS ENGINEER. COMPUTATIONS ARE TO ACCORD WITH AS 3725-2007. LOADS ON BURIED PIPES.
2. CONCRETE PIPES DAMAGED DUE TO CONSTRUCTION LOADS SHALL BE REPLACED & RELIAD AT THE CONTRACTOR'S COST.

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WARNING
SAFETY MEASURES REQUIRED
Please note there are risks attached to the construction of this project, and any ongoing maintenance of structures. Consider the safety of all. For potential risks, consequences and controls refer to Safety In Design Risk Register SID P4.E6. 2070E-A04-85
ASSESS THE RISK - STAY SAFE

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate only and their exact position should be proven on site. No guarantee is given that all existing services are shown. Locate all underground services before commencement of works
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AS CONSTRUCTED PLANS

The purpose of these as-constructed plans is to update the design drawings to show significant changes which occurred during construction. Note that the levels shown on these plans are design levels, and have not been verified by survey. All information shown on these plans should be verified on site. SMEC Australia Pty Ltd accept no responsibility for loss or damages resulting from the inappropriate usage of these plans.

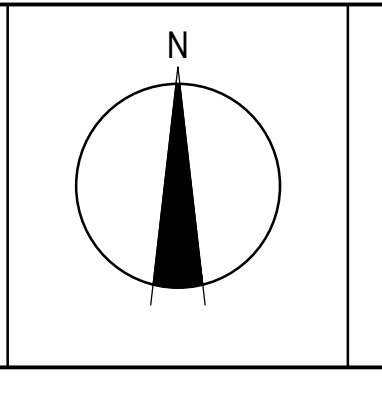
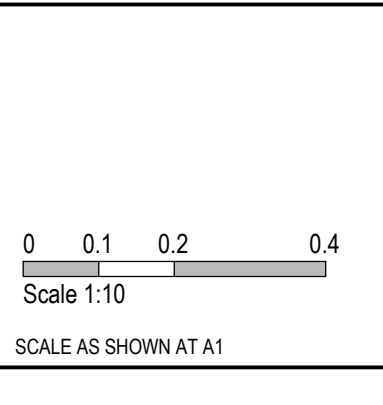
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Quality Management ISO 9001
OHS Management AS/NZS 4500
Environmental Management ISO 14001

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DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	



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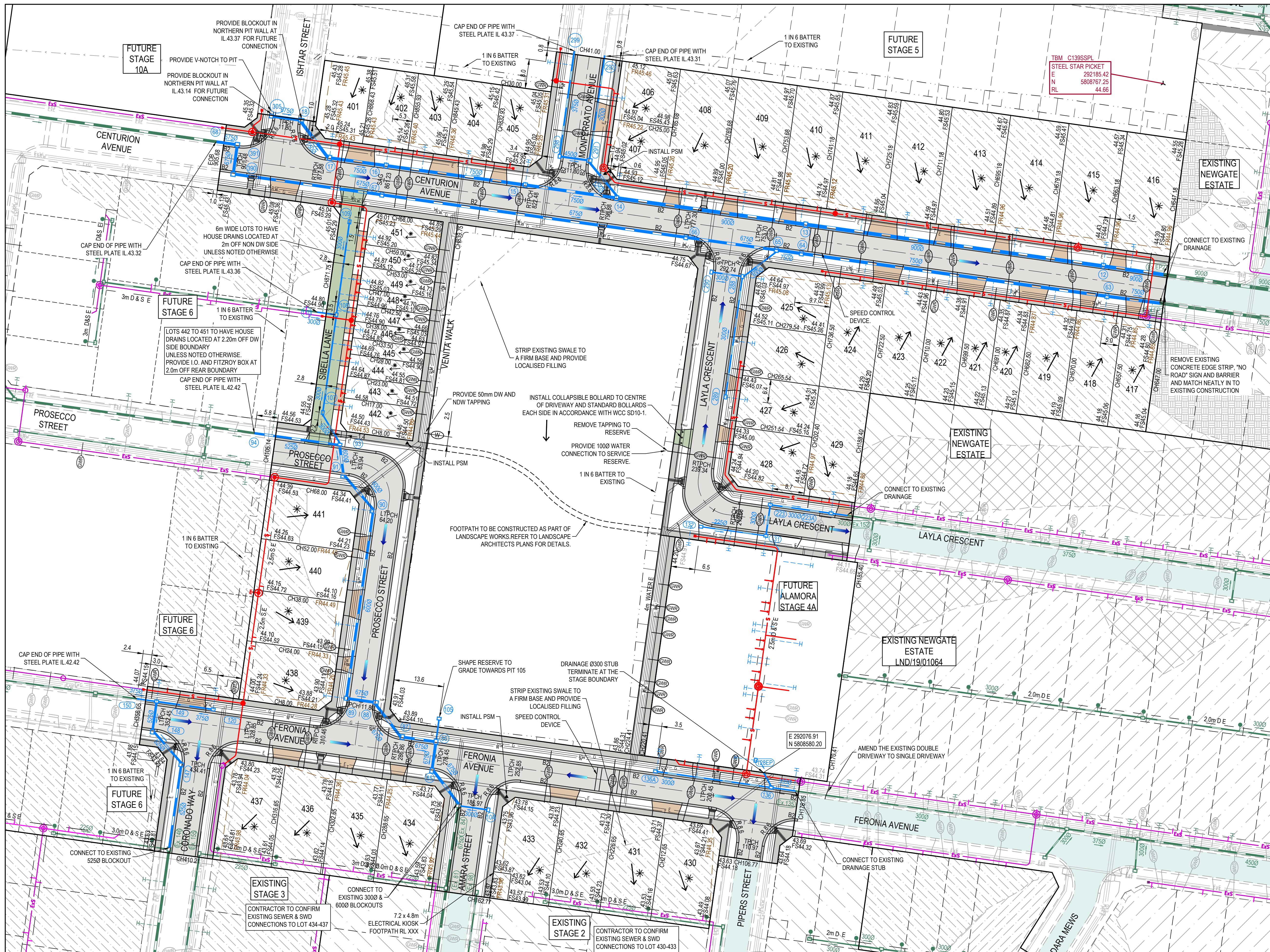
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ALAMORA
Tarneit

Alamora - Stage 4, Sayers Road, Tarneit Wyndham City Council Road and Drainage Cover Plan	
MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-01
SHEET No. 01 of 26	REVISION 5



LEGEND - LAYOUT PLAN
 ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	ELECTRICITY (U GROUND)
	ELECTRICITY (O HEAD)
	GAS
	TELSTRA
	OPTIC FIBRE
	WATER
	RECYCLE WATER
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SWALE DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING HOUSE DRAIN
	EXISTING ELECTRICITY (UNDER GROUND)
	EXISTING ELECTRICITY OVERHEAD
	EXISTING GAS
	EXISTING TELSTRA
	EXISTING OPTIC FIBRE
	EXISTING WATER
	EXISTING RECYCLED WATER
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SWALE DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE ELECTRICITY (UNDER GROUND)
	FUTURE ELECTRICITY OVERHEAD
	FUTURE GAS
	FUTURE TELSTRA
	FUTURE OPTIC FIBRE
	FUTURE WATER
	FUTURE RECYCLED WATER
	FUTURE AG DRAIN
	FUTURE TACTILE PAVERS
	141.34 EXISTING SURFACE LEVEL
	FS140.35 FINISHED BUILDING LINE LEVEL
	FR157.40 FINISHED RIDGE LINE LEVEL
	CH270.00 CHAINAGE
	STRUCTURAL FILL > 200mm
	DIRECTION OF FALL
	OVERLAND FLOW
	GRADED IN DIRECTION OF FALL TO LEVEL INDICATED
	EDGE STRIP, SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
	EXISTING TREE TO BE RETAINED
	EXISTING TREE TO BE REMOVED
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH
	PROPOSED INDUSTRIAL DRIVEWAY
	PROPOSED ROAD PAVING
	EXISTING ROAD PAVING
	1.8m TIMBER PAILING FENCE

SERVICE LOCATIONS ARE IN ACCORDANCE WITH APPENDIX H OF THE MPA GUIDELINES AND THE DETAIL PLAN. **SHOULD NOT BE RELIED UPON FOR THE ACCURATE POSITIONING OF DRAINAGE LINES GREATER THAN 450dia. BEHIND BACK OF KERB.** PIPES GREATER THAN 450dia. WILL BE HAUNCHED UNDERNEATH KERB AND CHANNEL WHERE APPLICABLE TO ENSURE THAT PIT WIDTH BEHIND BACK OF KERB DOES NOT EXCEED 0.9m.

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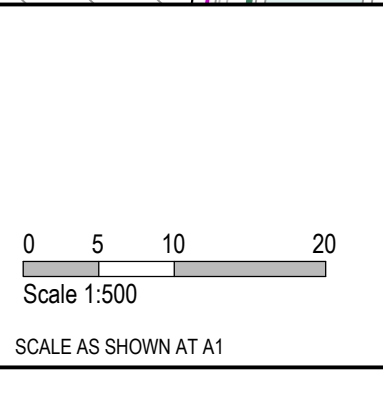
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 Global Mark Management AS/NZS 4801
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CHECKED	C.Sexton
AUTHORISED	D.Powell
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REFERENCE No. 2	



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ALAMORA
Tarneit

Alamora - Stage 4, Sayers Road, Tarneit
 Wyndham City Council
 Road and Drainage
 Layout Plan

MELBOURNE REF	PROJECT / DRAWING No	SHEET No	REVISION
234 D5	2070E-A04-02	02 of 26	10



LEGEND - EARTHWORKS PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	ELECTRICITY (U.GROUND)
	ELECTRICITY (O.HEAD)
	GAS
	TELSTRA
	OPTIC FIBRE
	WATER
	RECYCLE WATER
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SWALE DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING HOUSE DRAIN
	EXISTING ELECTRICITY (UNDER GROUND)
	EXISTING ELECTRICITY OVERHEAD
	EXISTING GAS
	EXISTING TELSTRA
	EXISTING OPTIC FIBRE
	EXISTING WATER
	EXISTING RECYCLED WATER
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SWALE DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE ELECTRICITY (UNDER GROUND)
	FUTURE ELECTRICITY OVERHEAD
	FUTURE GAS
	FUTURE TELSTRA
	FUTURE OPTIC FIBRE
	FUTURE WATER
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	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH
	PROPOSED INDUSTRIAL DRIVEWAY
	PROPOSED ROAD PAVING
	EXISTING ROAD PAVING

TBM C139SPPL
E 292185.42
N 5808767.25
RL 44.66

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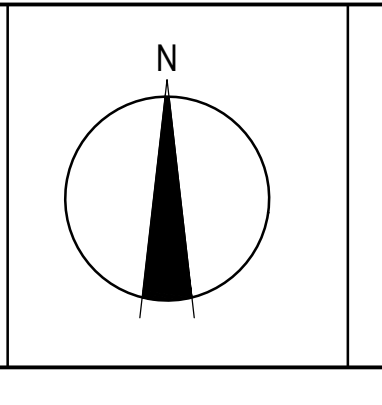
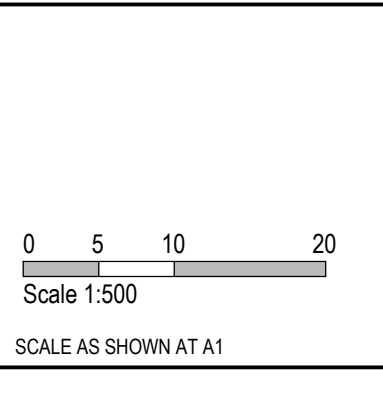
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Quality Management ISO 9001
OHS Management AS/NZS 4500
Environmental Management ISO 14001

TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

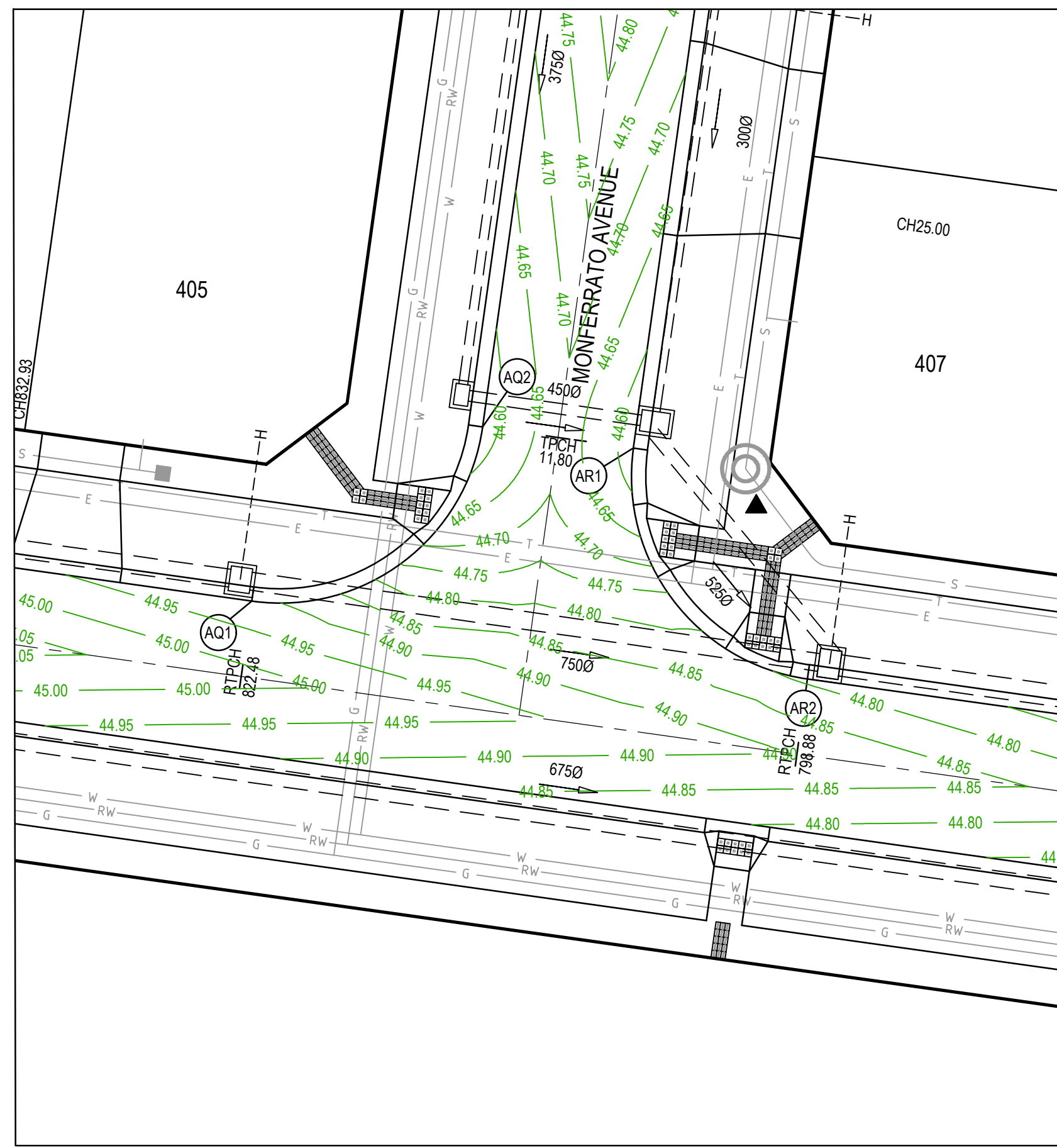
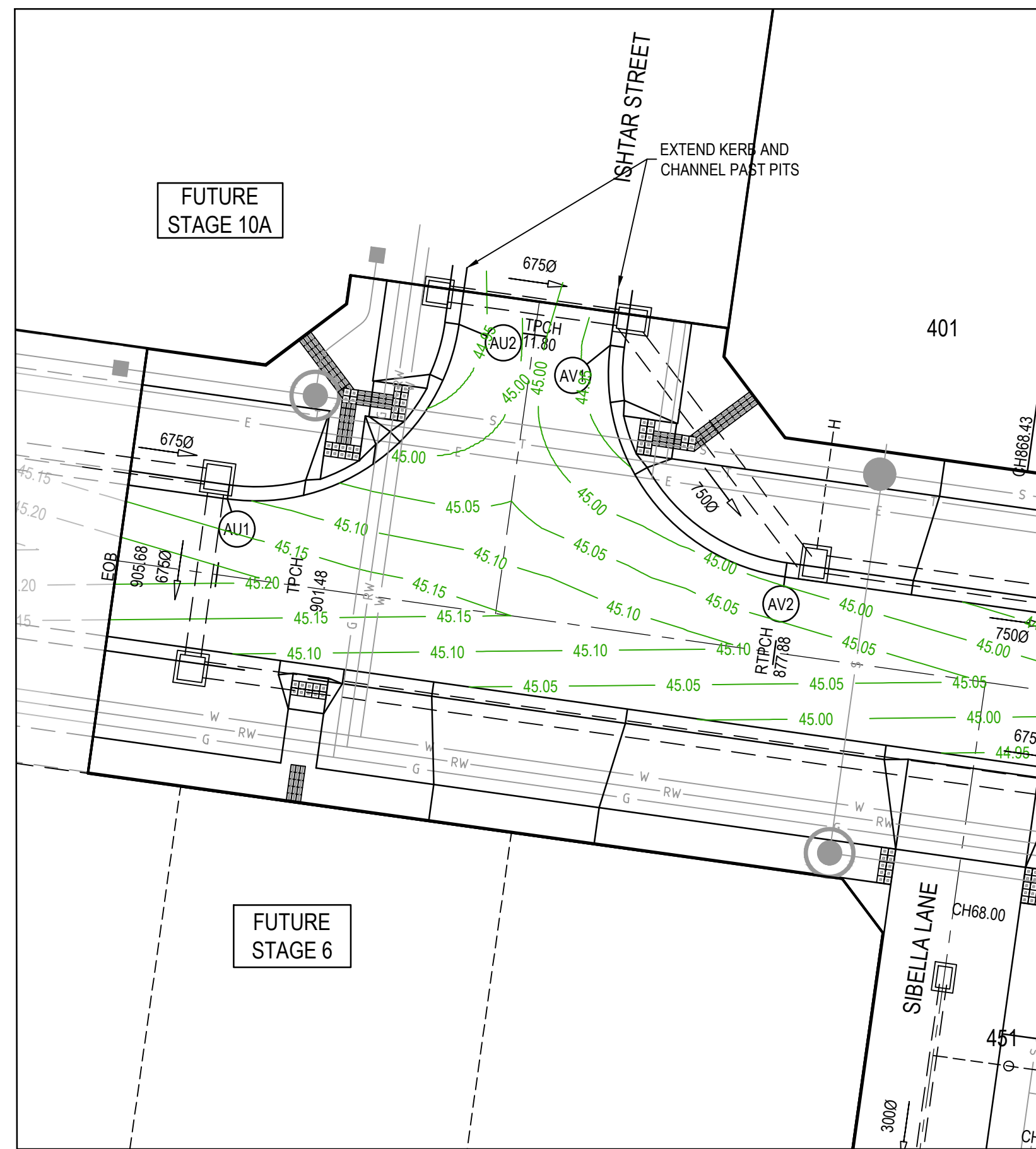


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Ph 03 9514 1500

ALAMORA
Tarnait

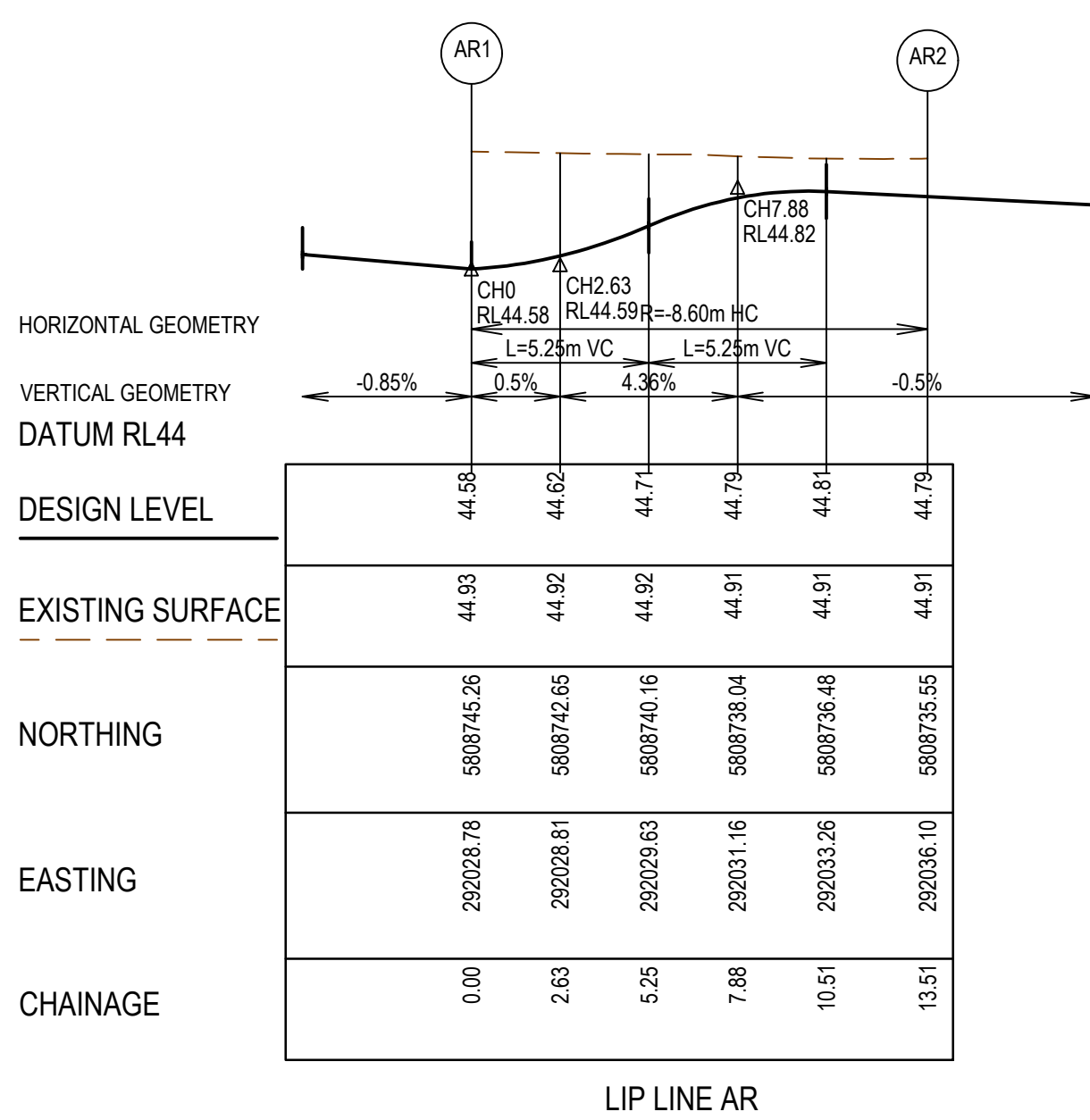
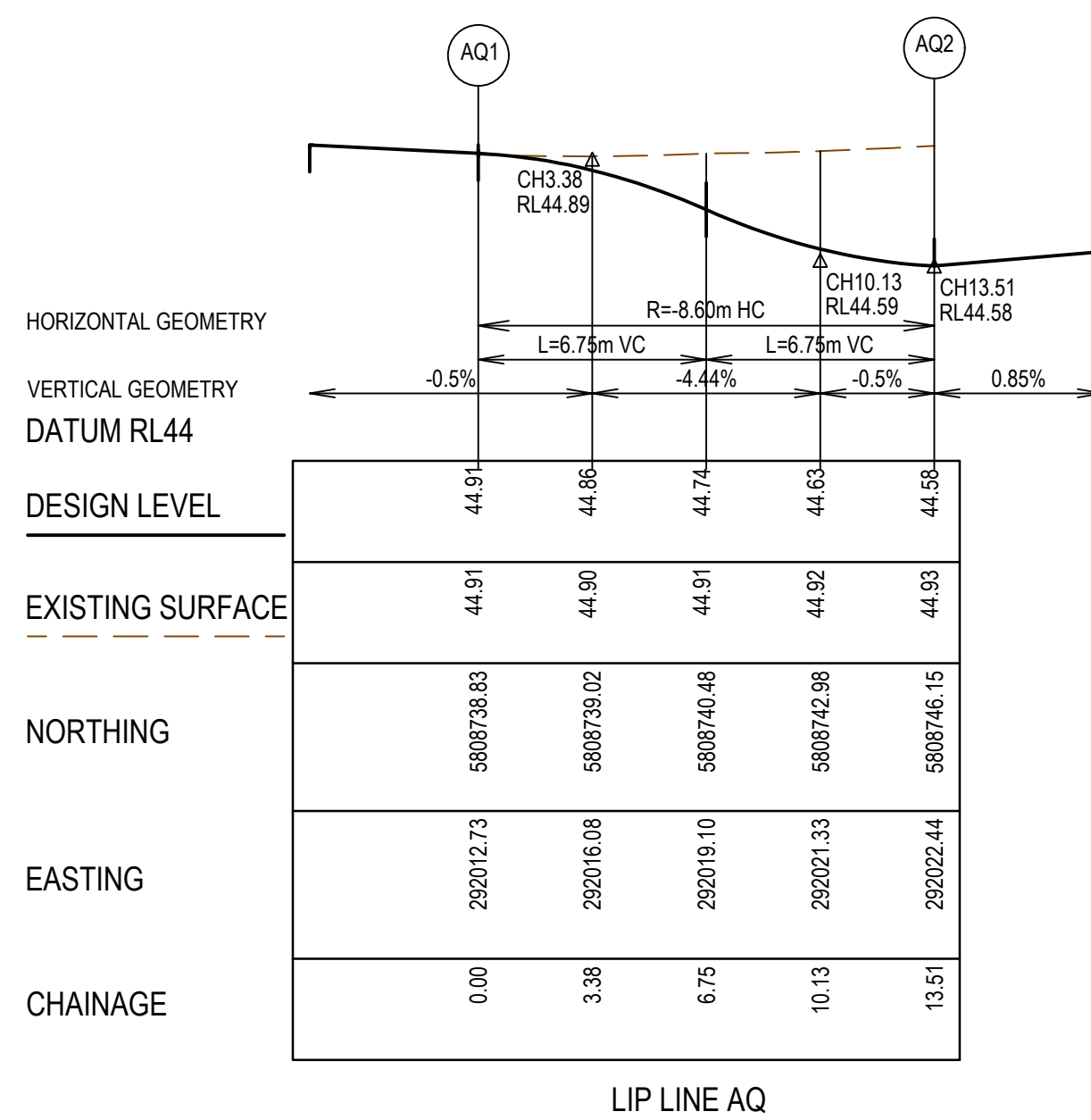
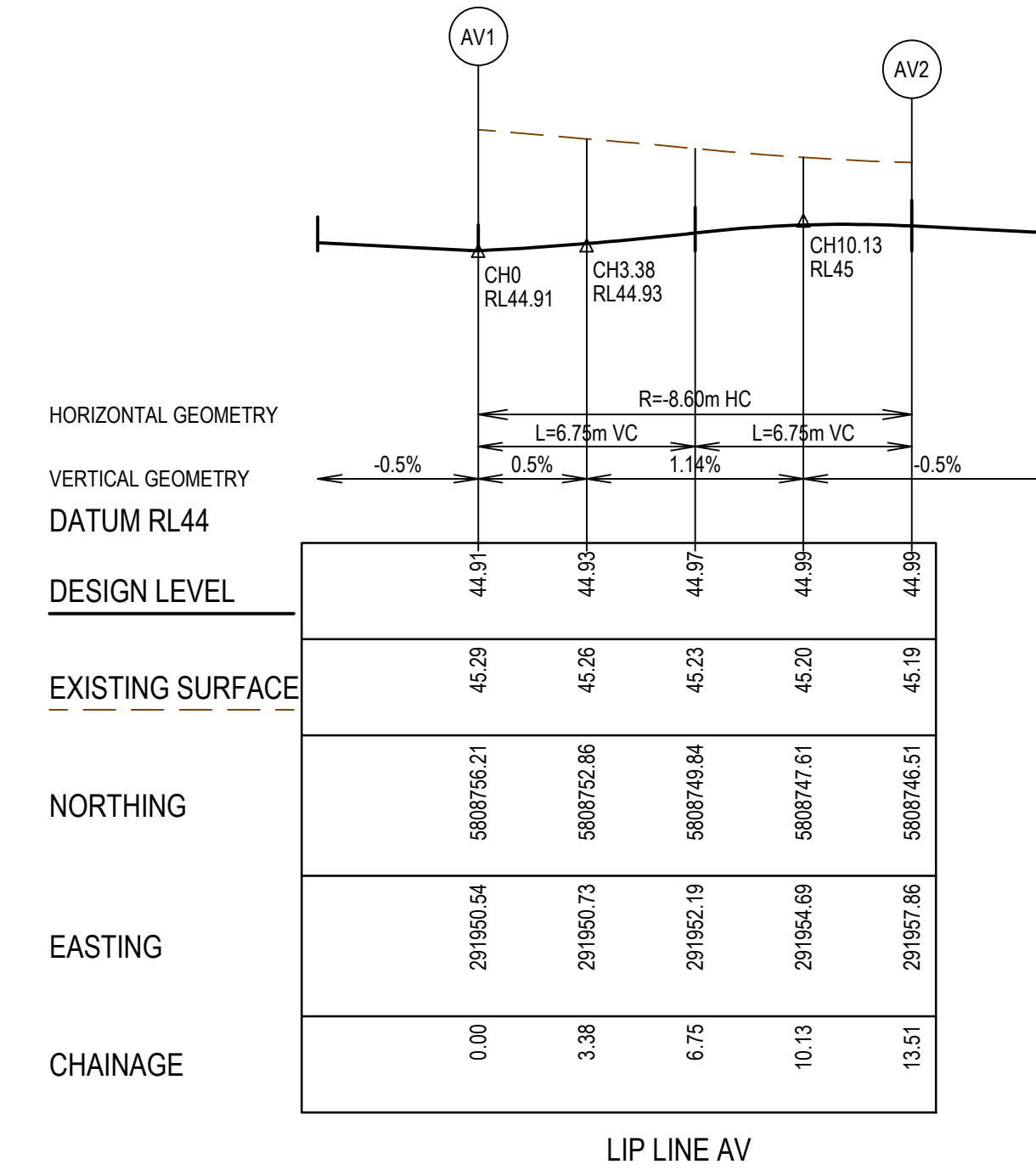
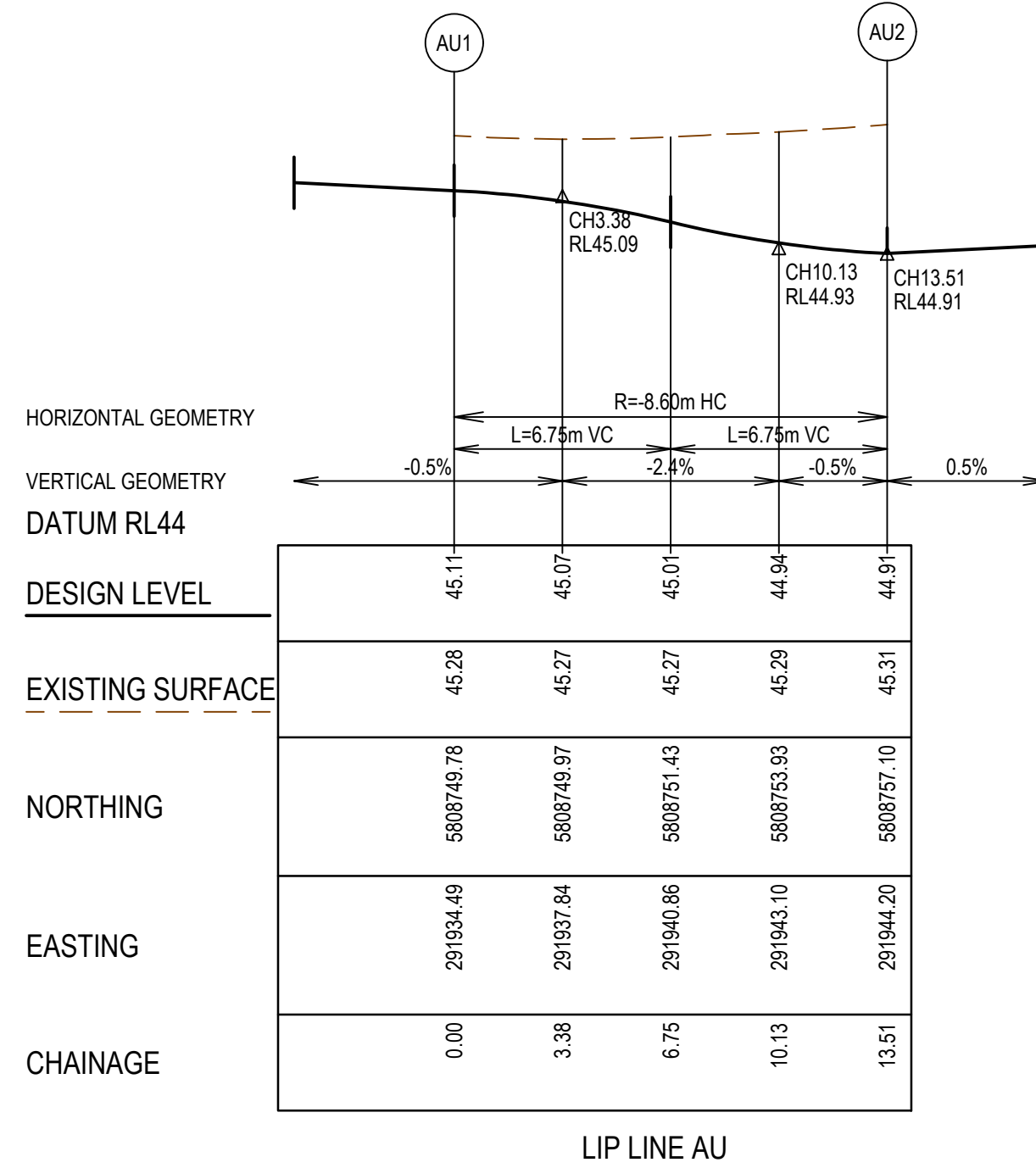
Alamora - Stage 4, Sayers Road, Tarnait
Wyndham City Council
Road and Drainage
Earthworks Plan

MELWAYS REF	PROJECT / DRAWING No	SHEET No	REVISION
234 D5	2070E-A04-03	03 of 26	6



LEGEND - INTERSECTION DETAIL PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
	EXISTING MAIN DRAIN
	EXISTING SEWER & MAINTENANCE STRUCTURES
	EXISTING SERVICE CONDUITS
	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
	FUTURE MAIN DRAIN
	FUTURE SEWER & MAINTENANCE STRUCTURES
	FUTURE HOUSE DRAIN
	FUTURE SERVICE CONDUITS
	FUTURE TACTILE PAVERS
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	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY & FOOTPATH



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OHS Management AS/NZS 4801
Environmental Management ISO 14001

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TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

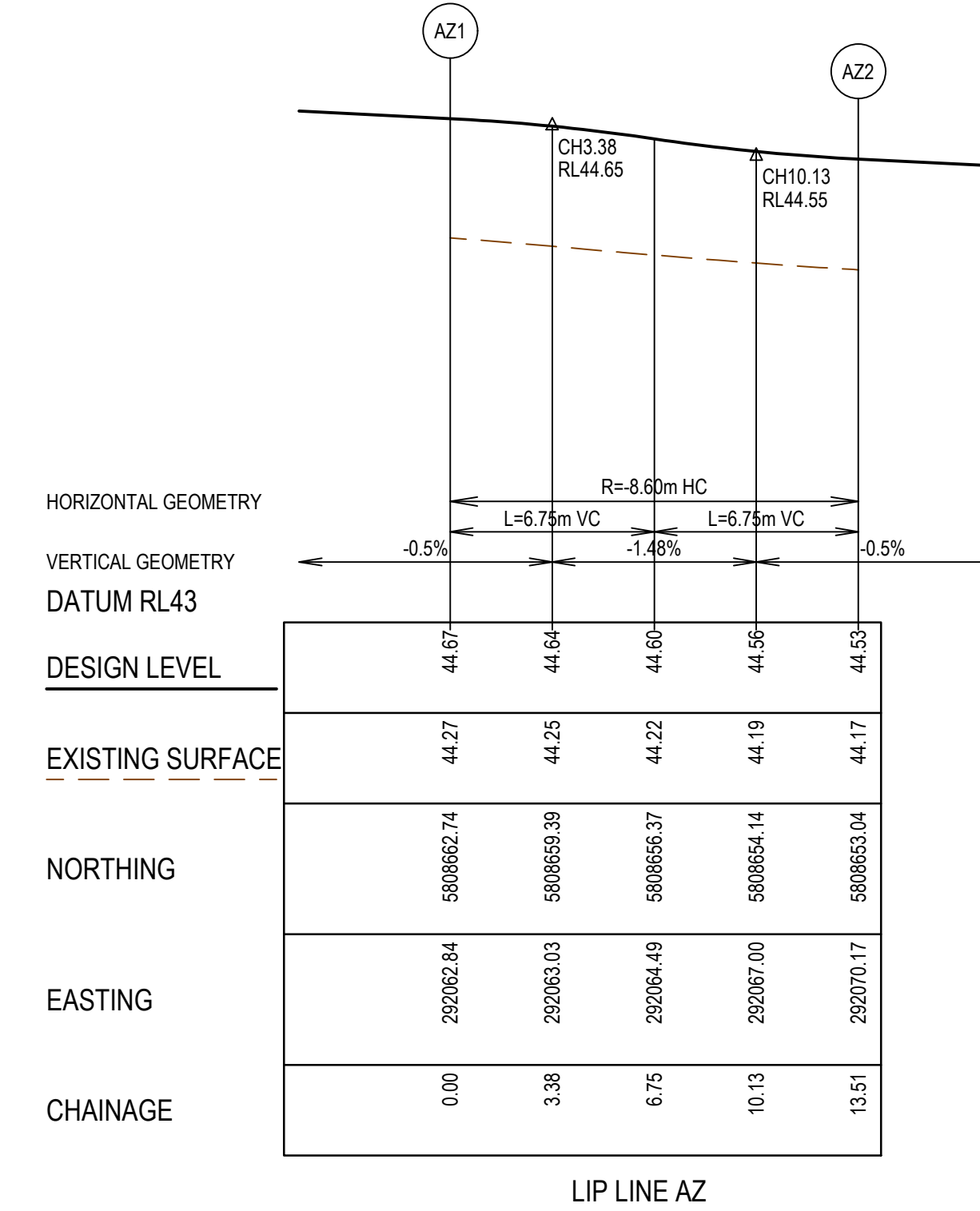
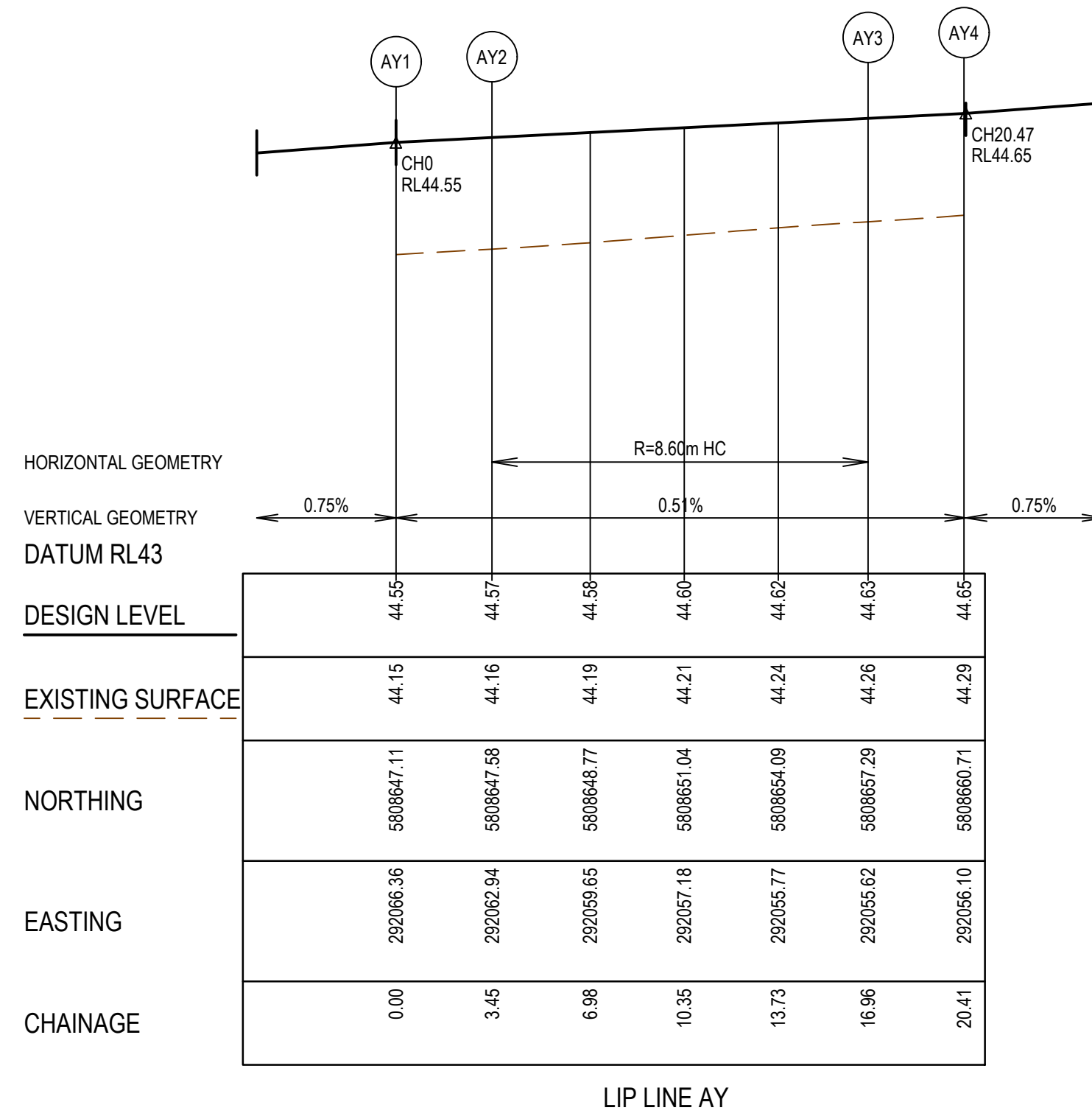
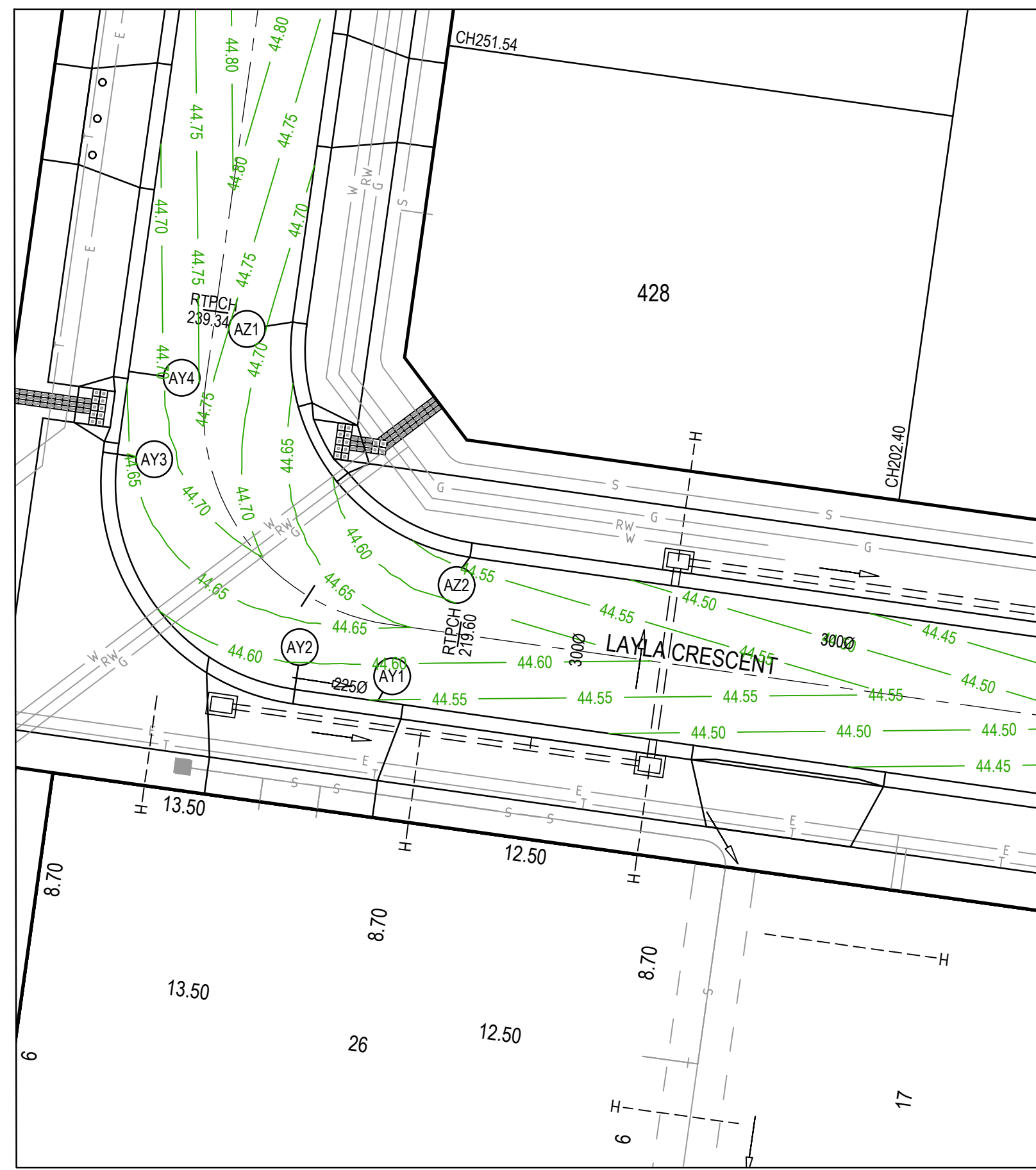
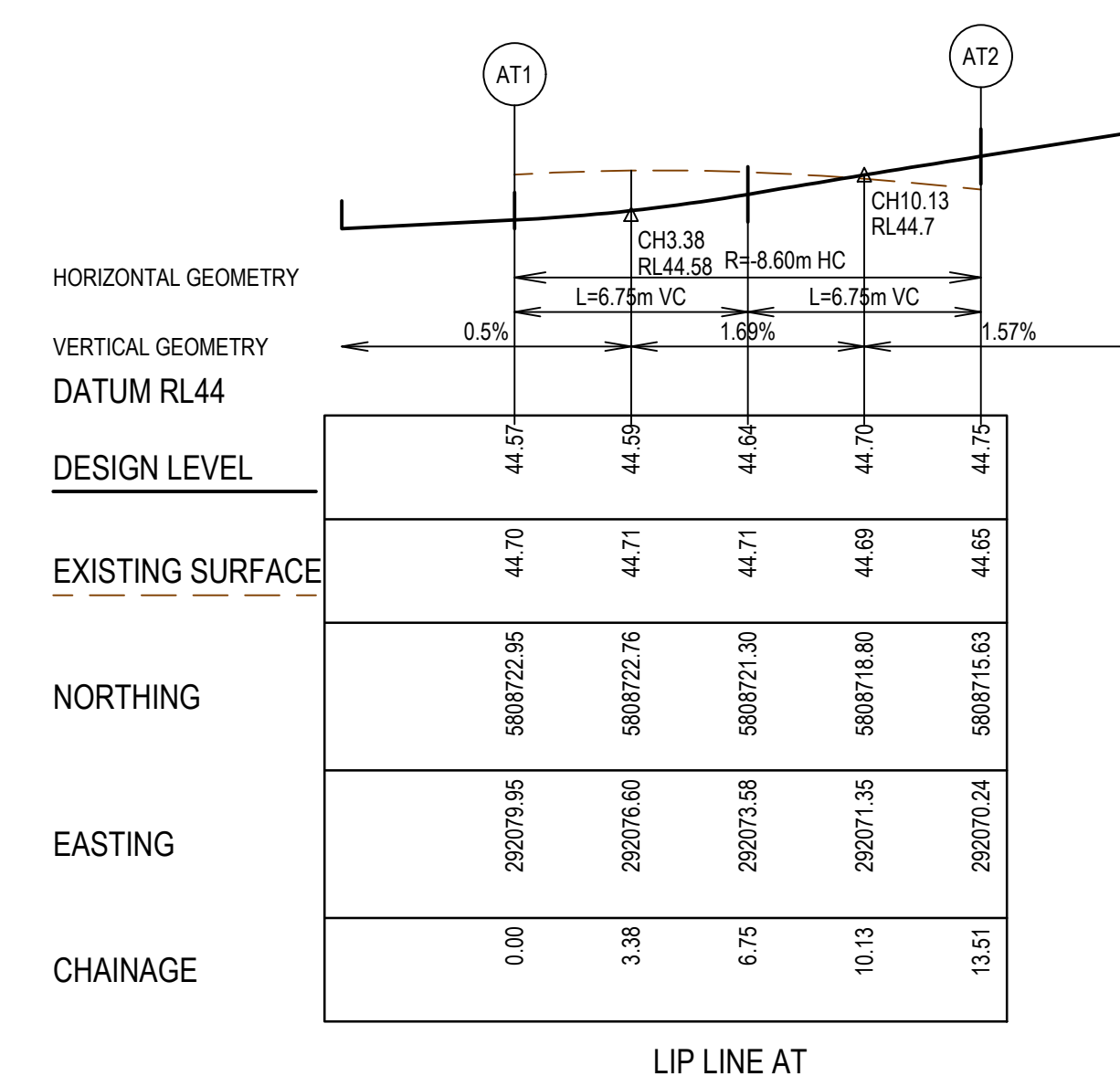
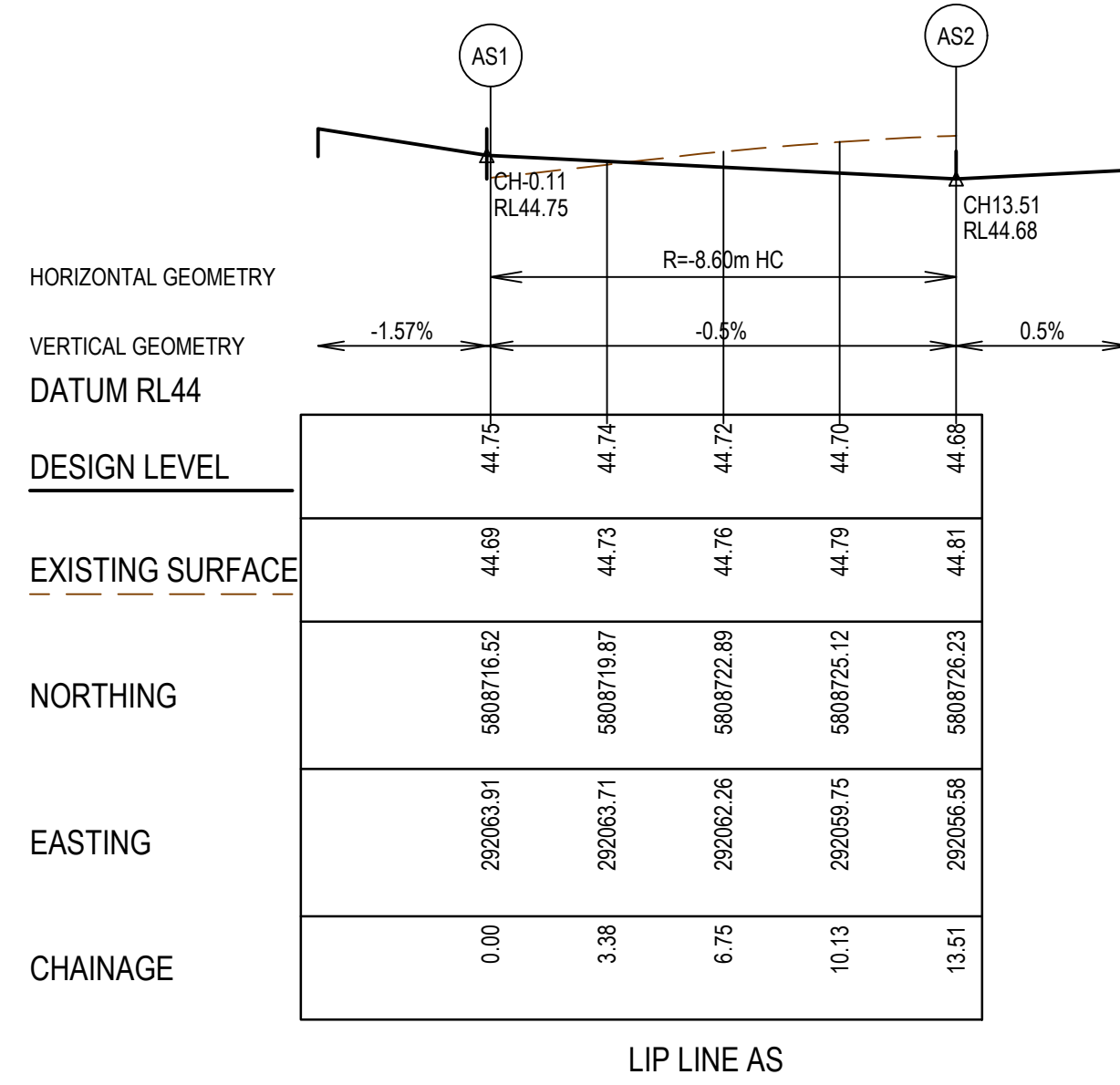
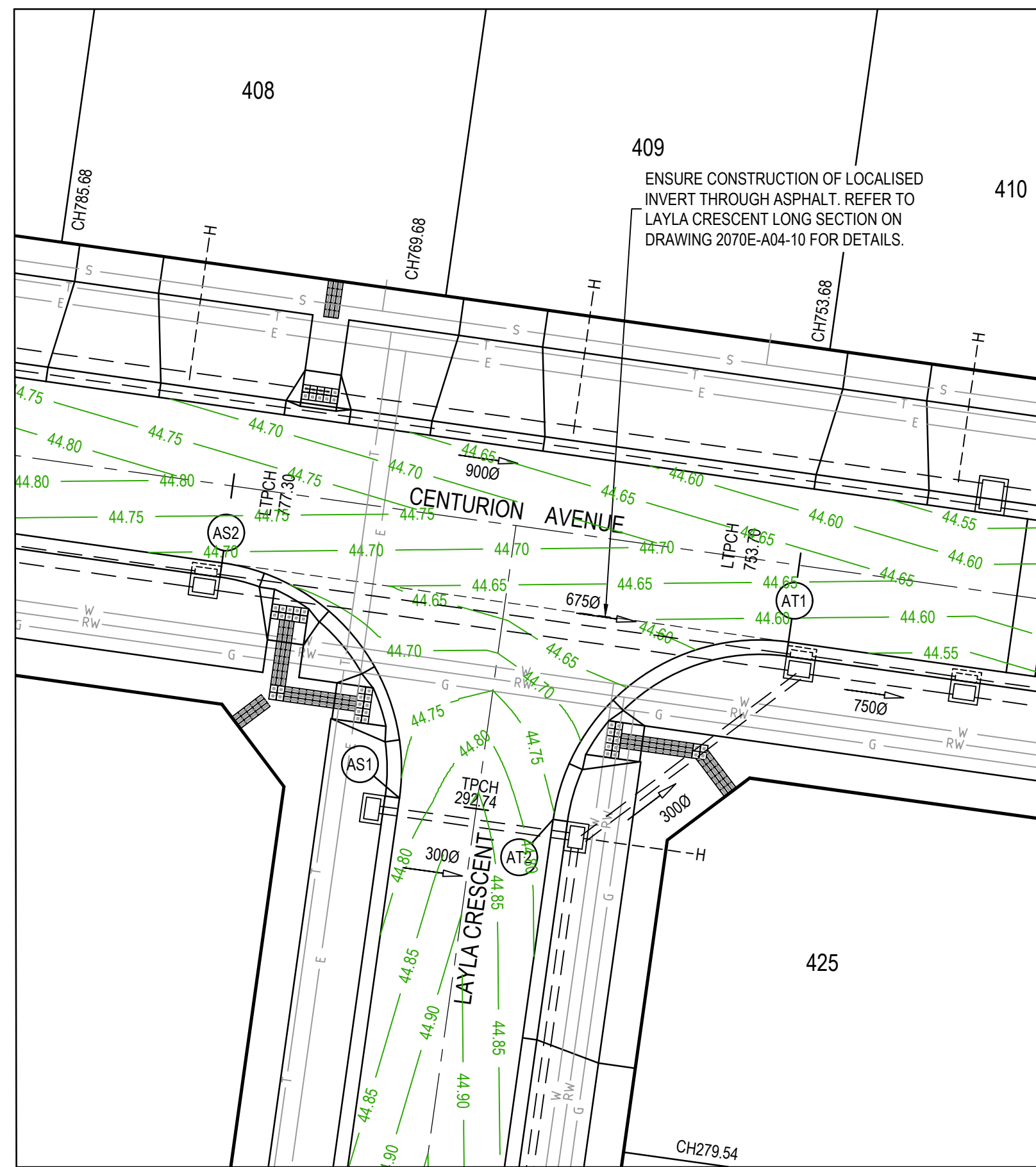
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ALAMORA
Tarnet

Alamora - Stage 4, Sayers Road, Tarnet
Wyndham City Council
Road and Drainage
Intersection Detail Plan - 1

MELBOURNE REF	PROJECT / DRAWING No.	SHEET No.	REVISION
234 D5	2070E-A04-04	04 of 26	3



LEGEND - INTERSECTION DETAIL PLAN
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	MAIN DRAIN
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	HOUSE DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
	EXISTING STORMWATER DRAIN
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	EXISTING TACTILE PAVERS
	FUTURE STORMWATER DRAIN
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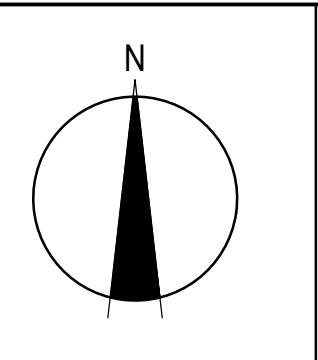
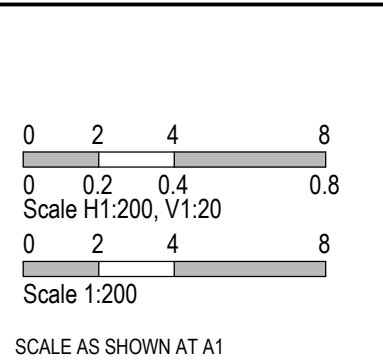
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OH&S Management AS/NZS 1881
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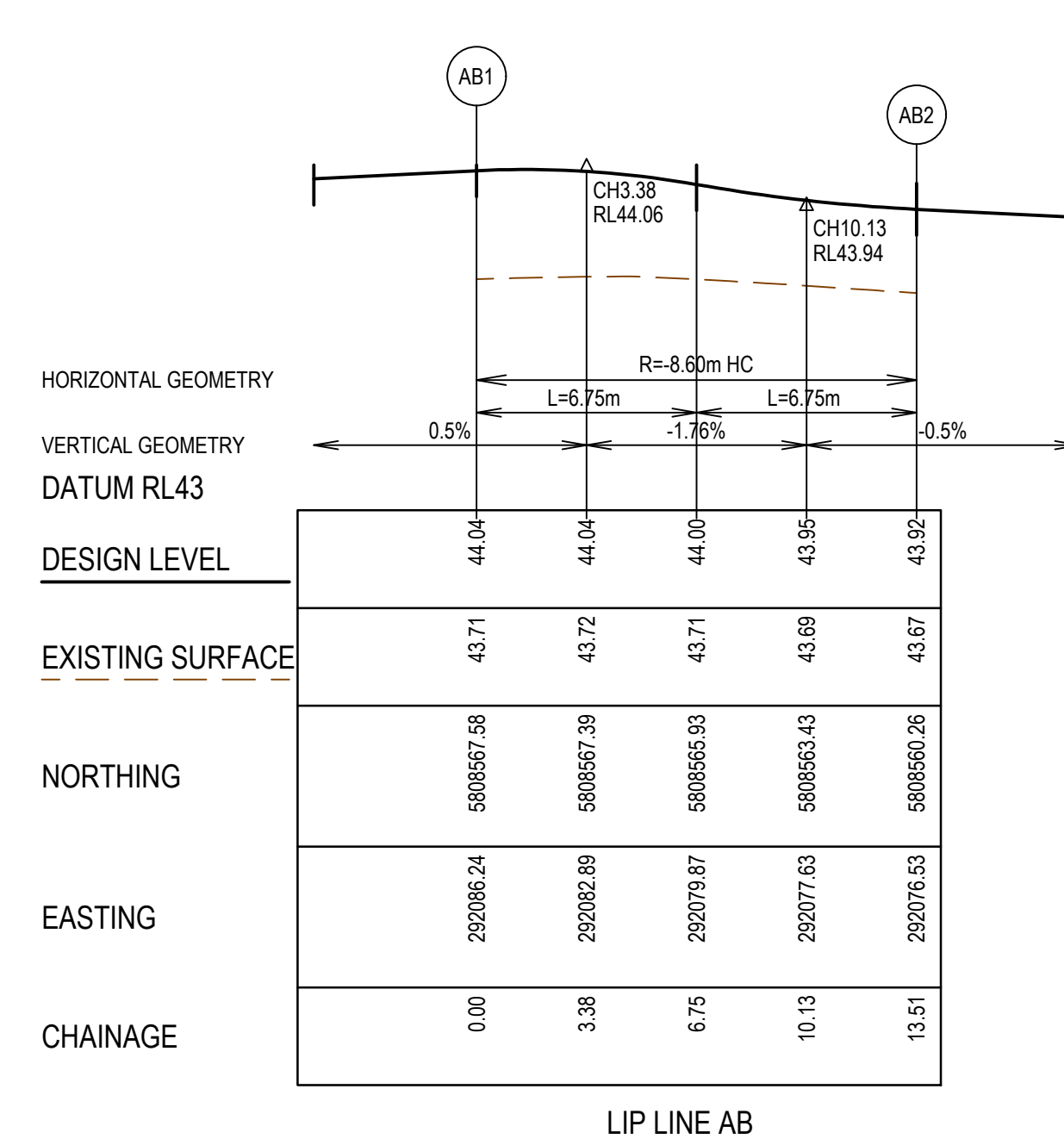
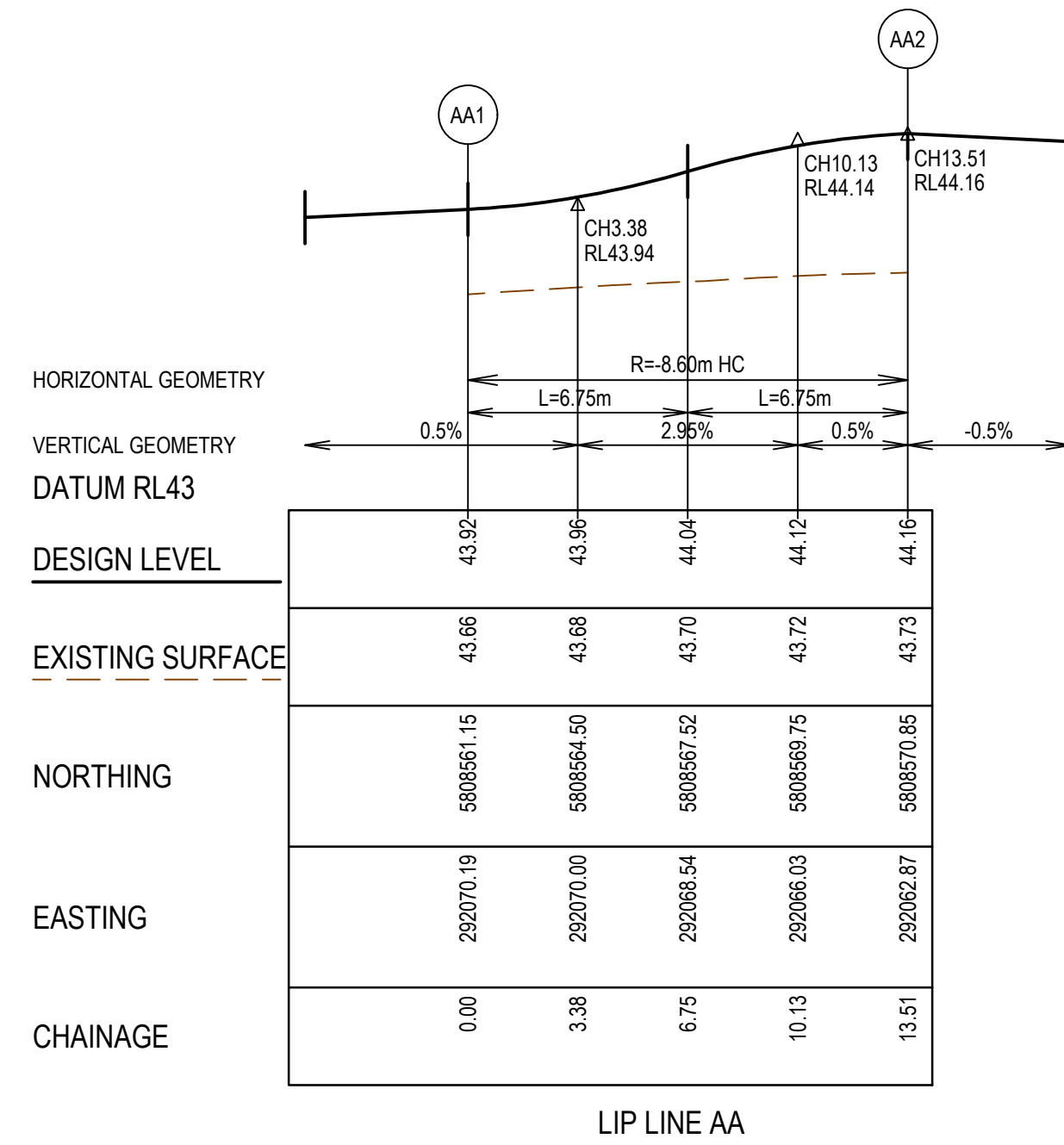
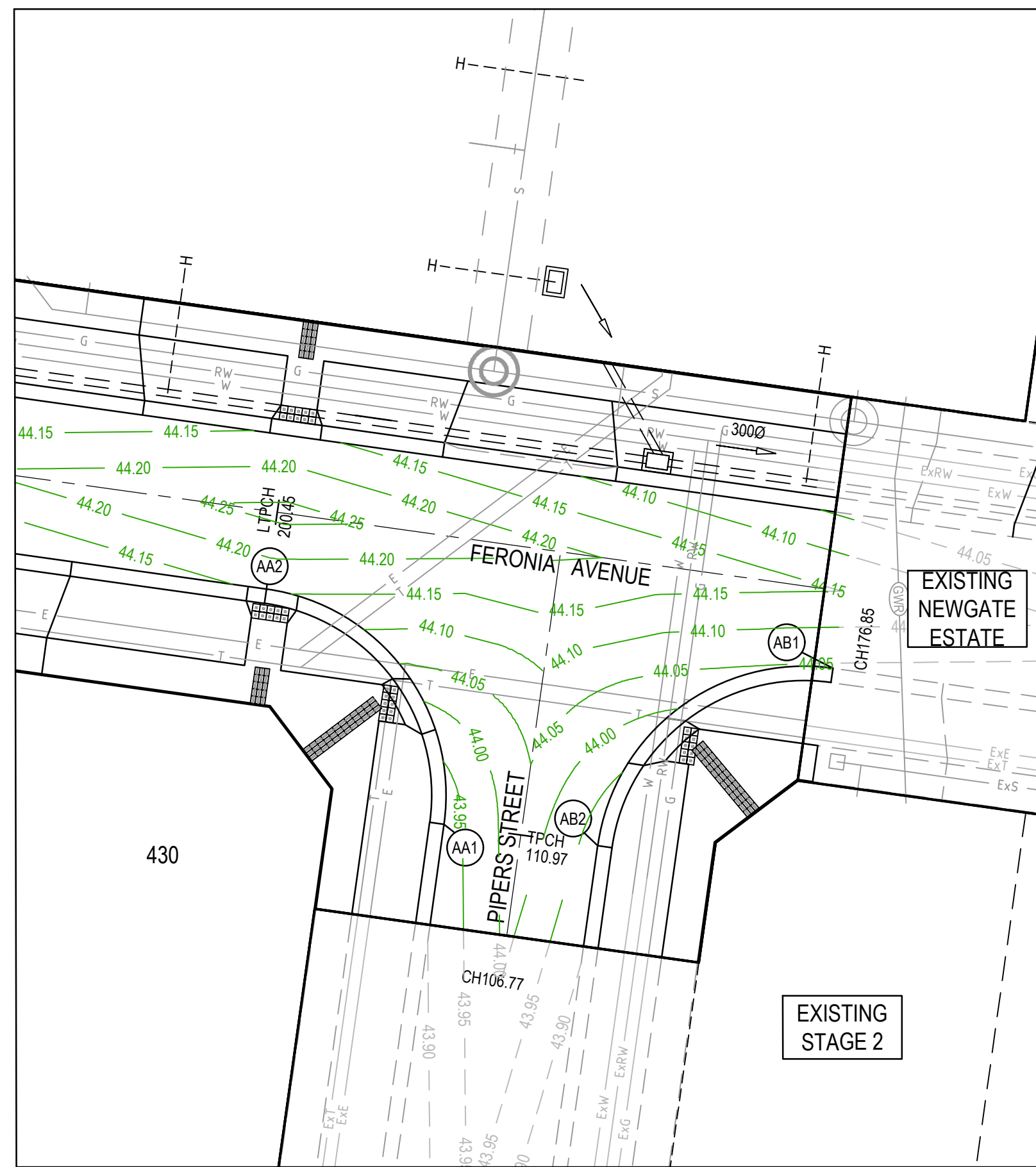
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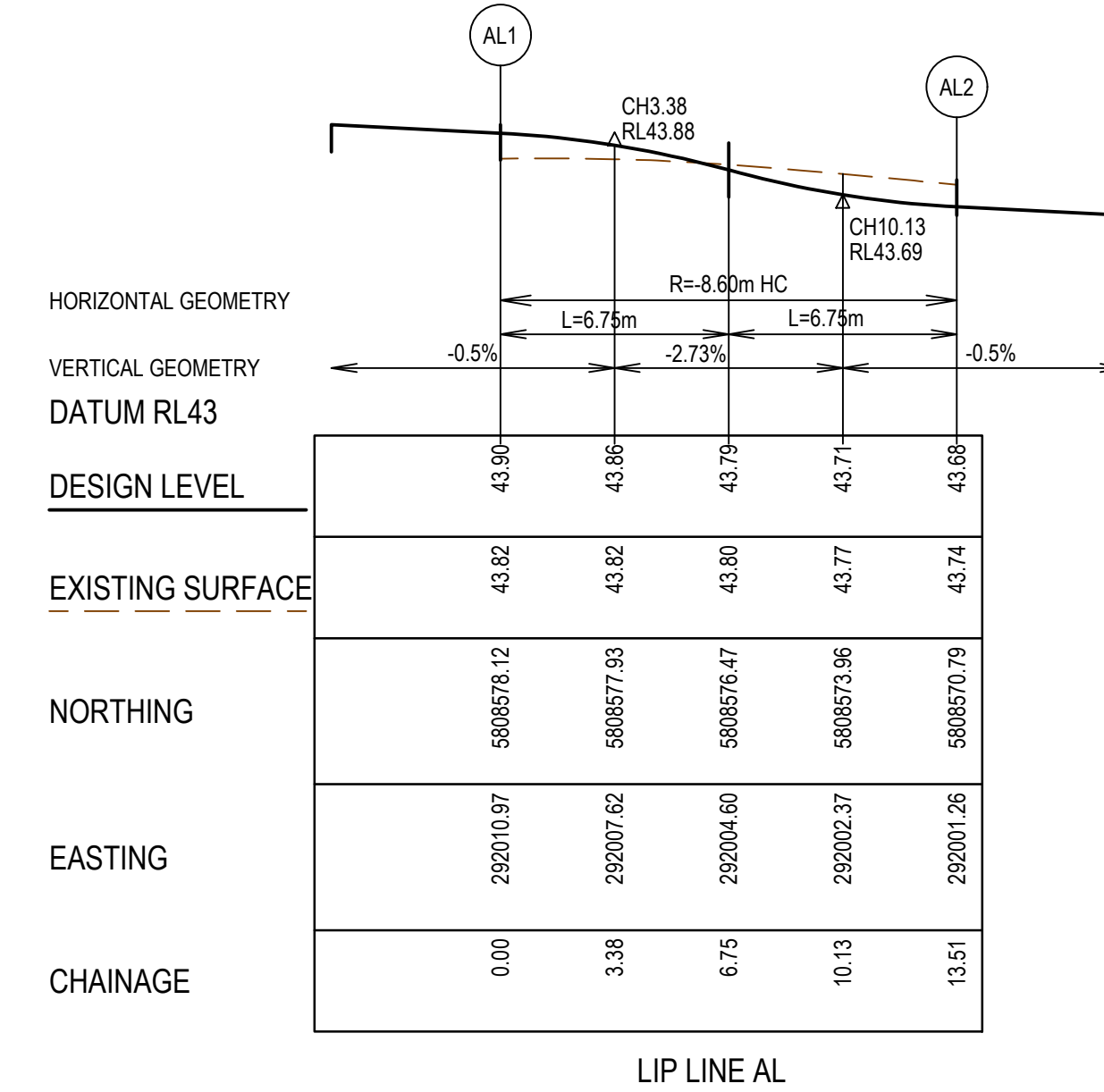
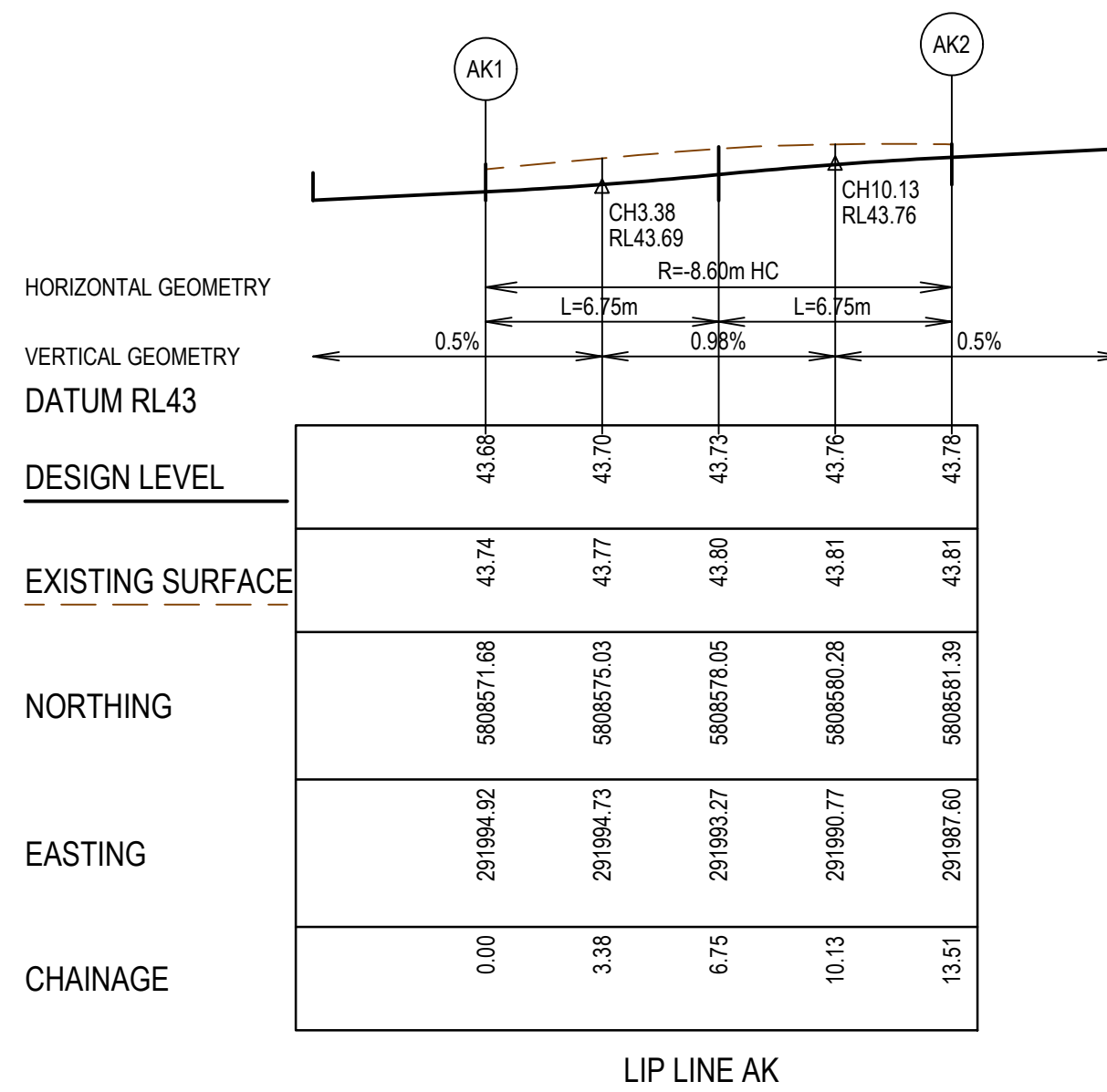
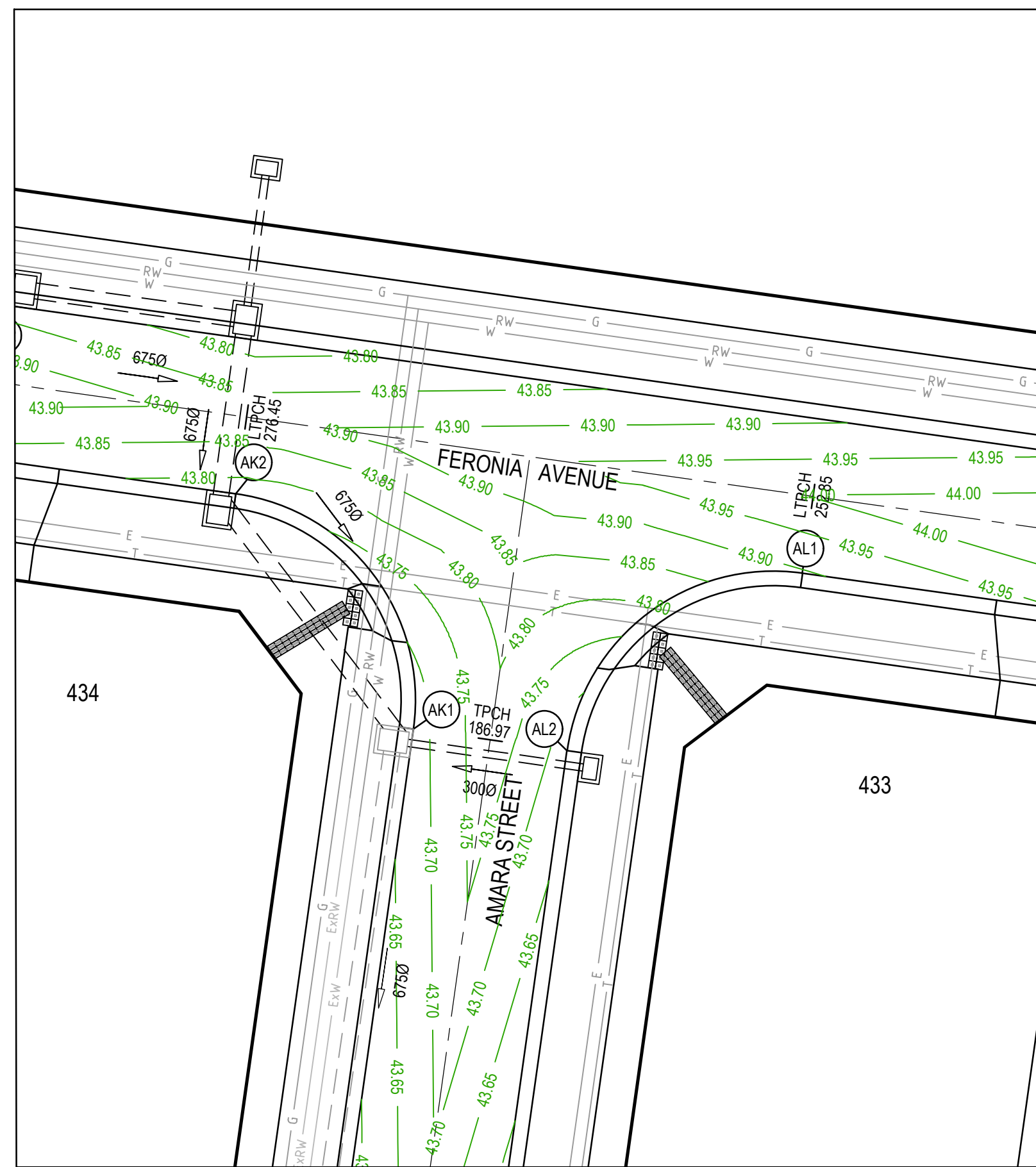
ALAMORA
Tarnait

Alamora - Stage 4, Sayers Road, Tarnait Wyndham City Council Road and Drainage Intersection Detail Plan - 2		MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-05	SHEET No. 05 of 26	REVISION 4
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LEGEND - INTERSECTION DETAIL PLAN
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY

	STORMWATER DRAIN, PIT & PROPERTY INLET
	MAIN DRAIN
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	HOUSE DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
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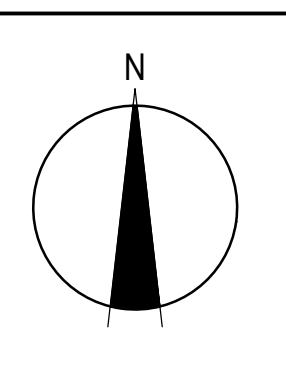
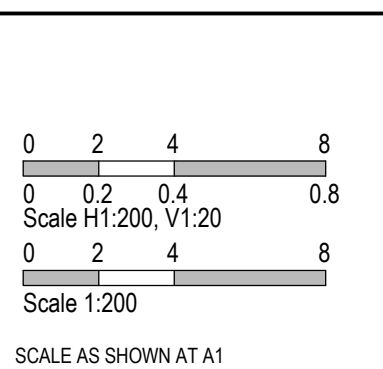
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Site Management AS/NZS 1801
Environmental Management ISO 14001

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TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

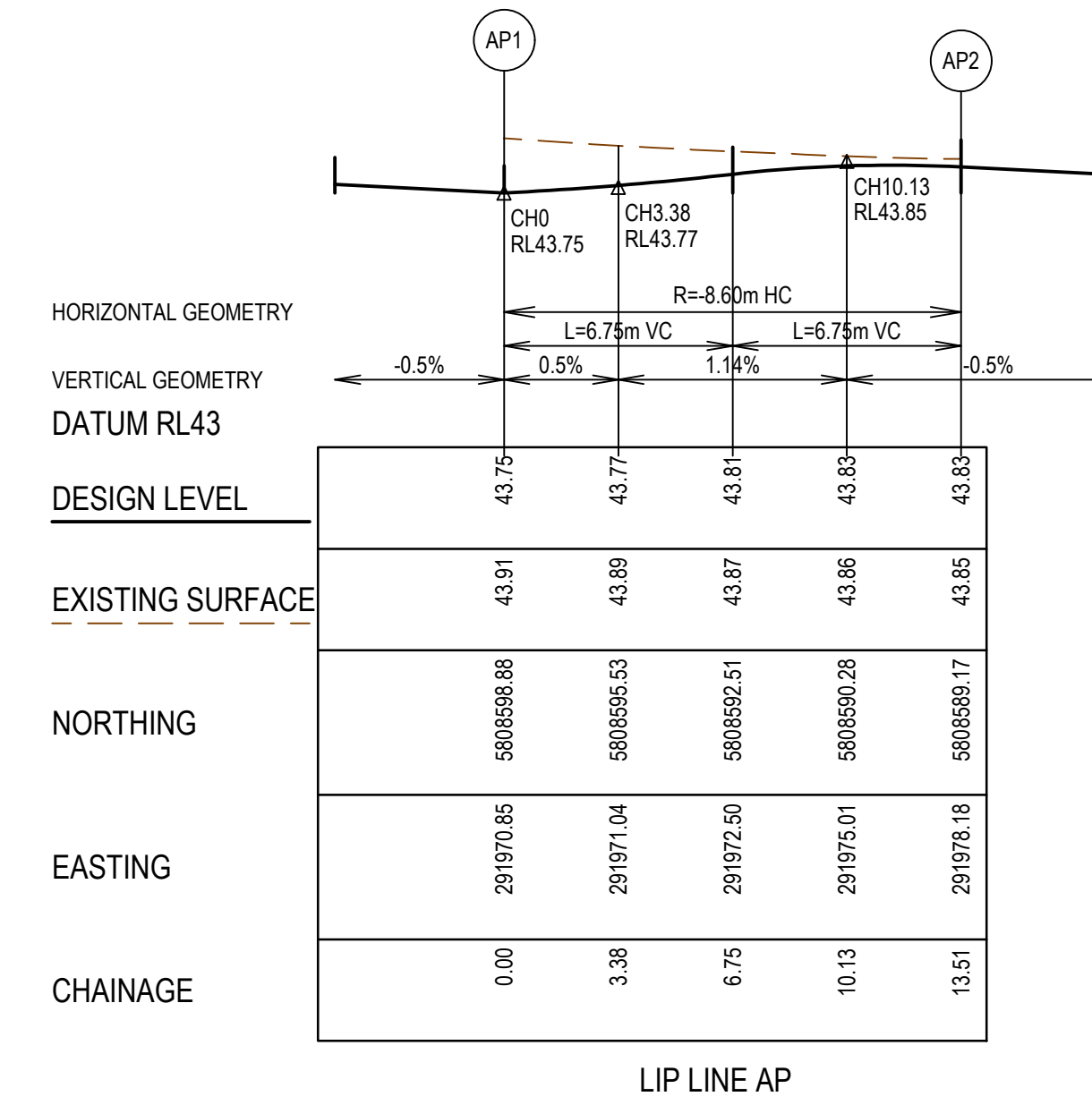
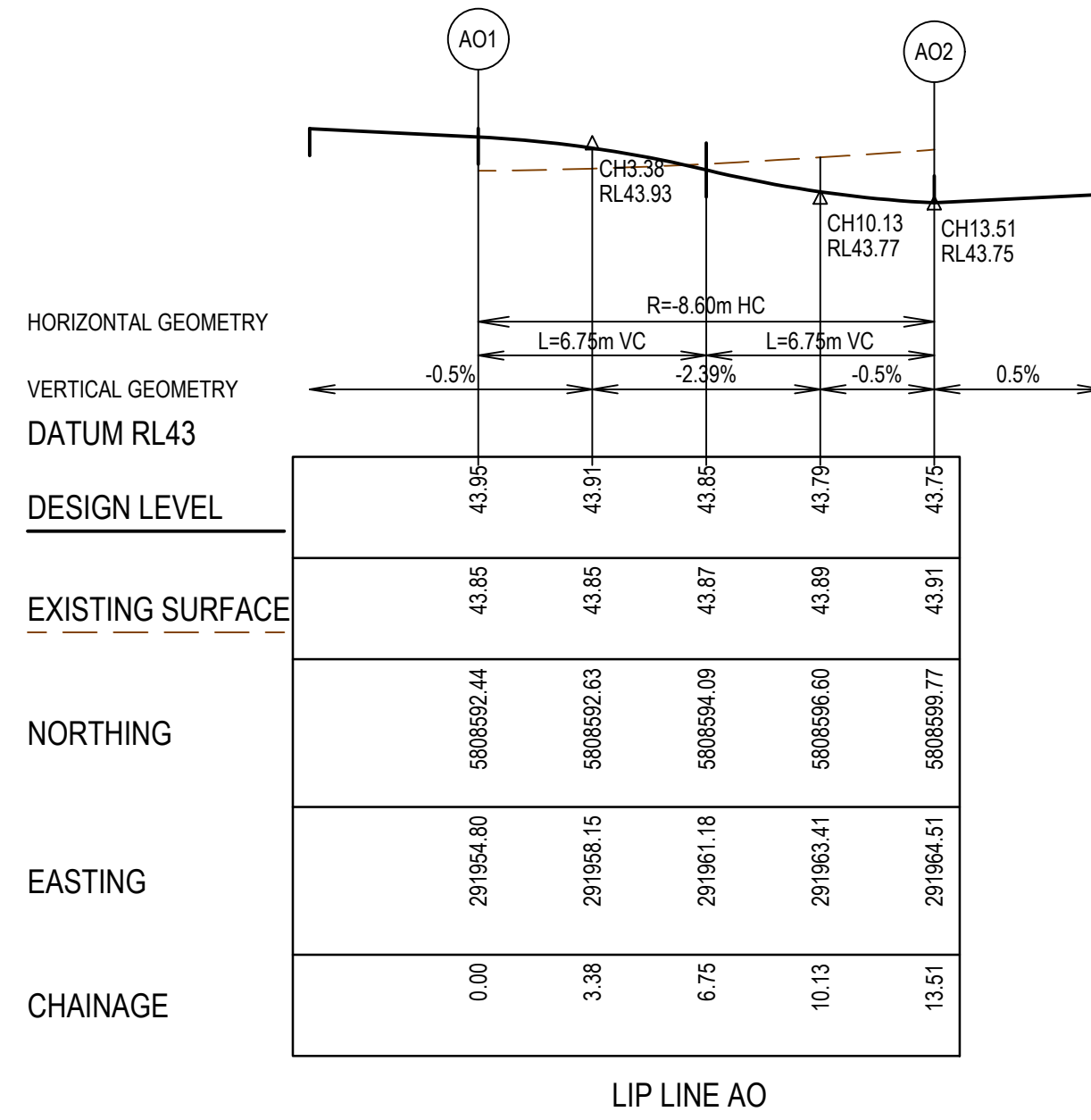
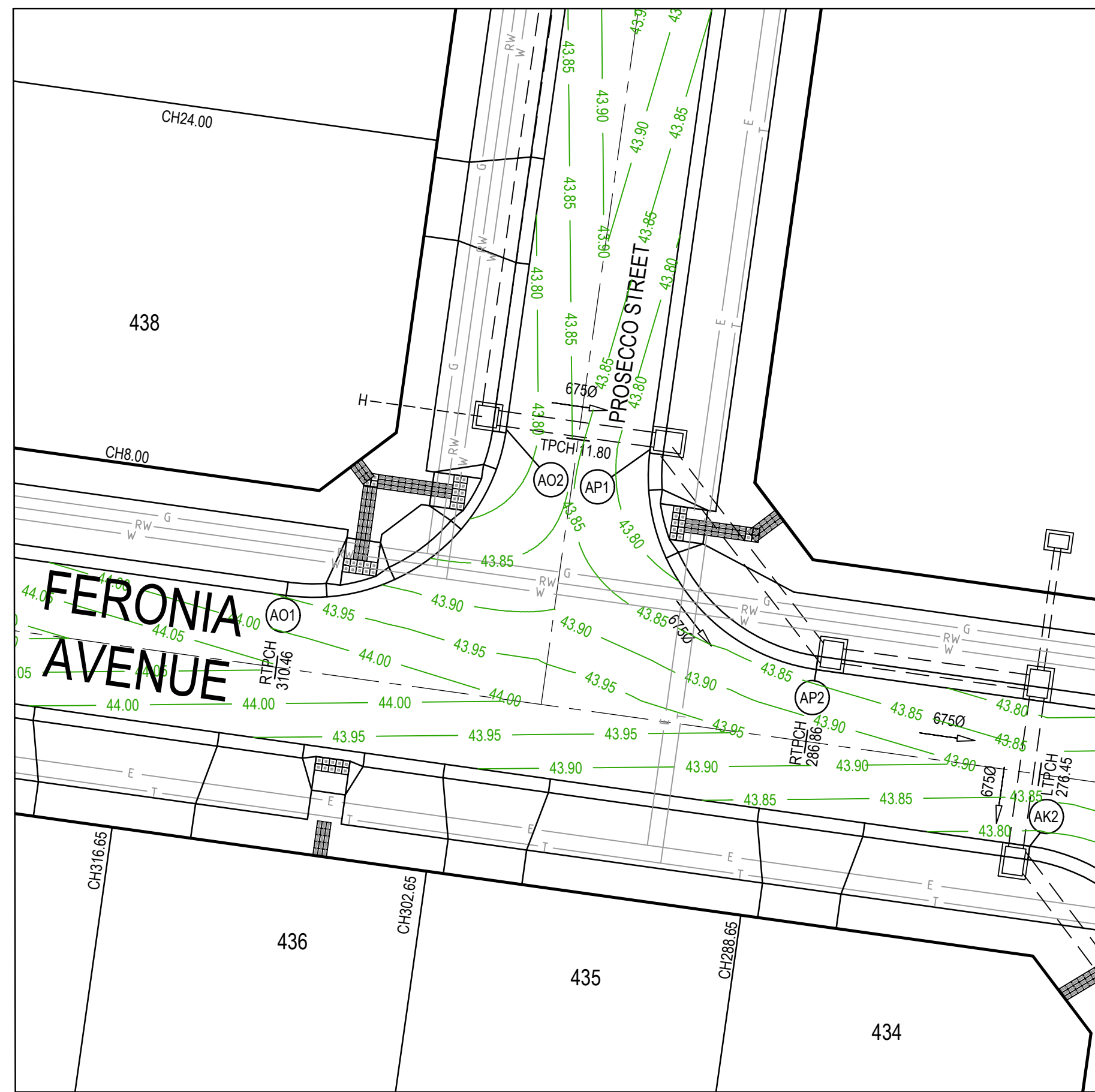


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ALAMORA
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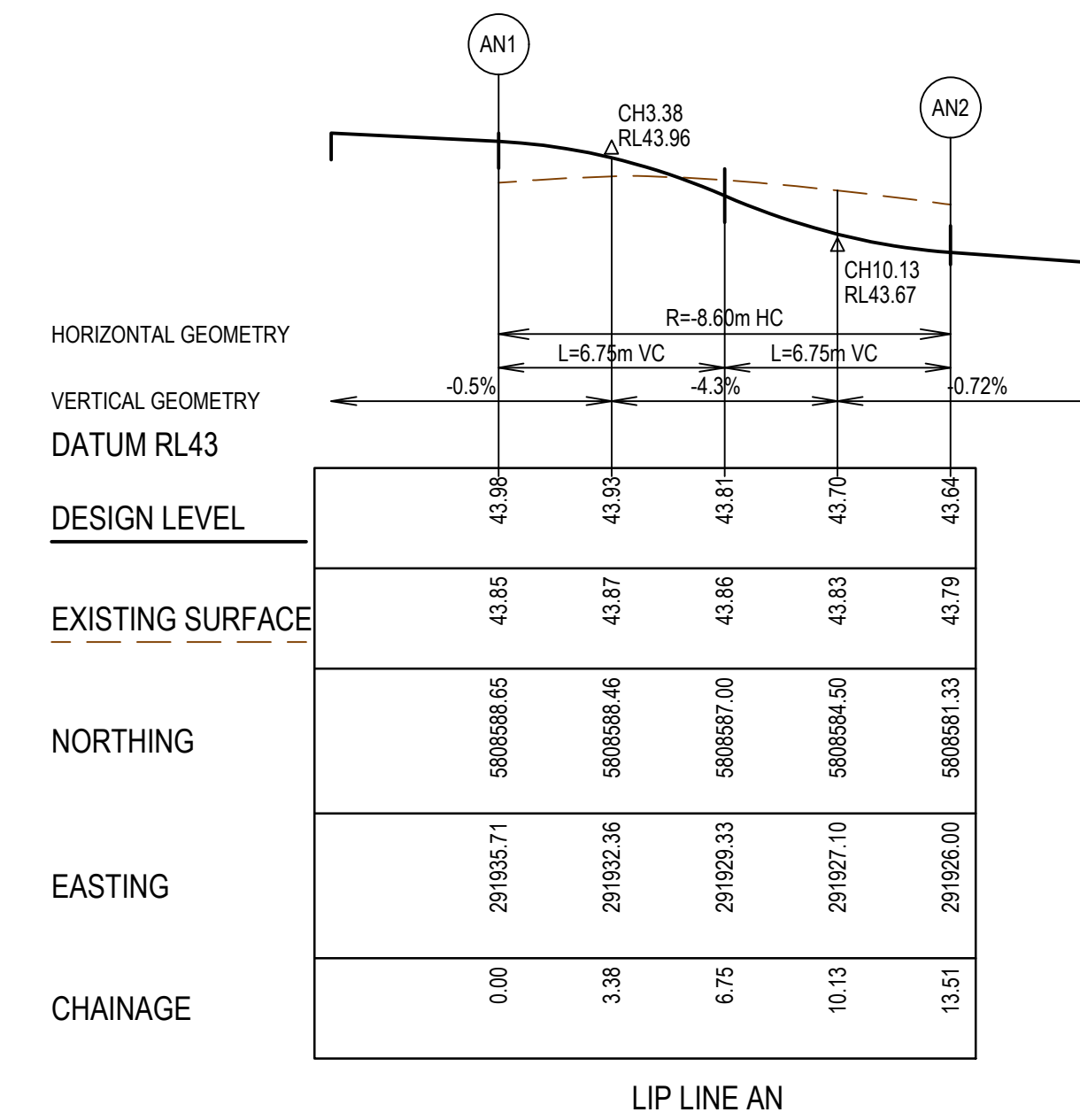
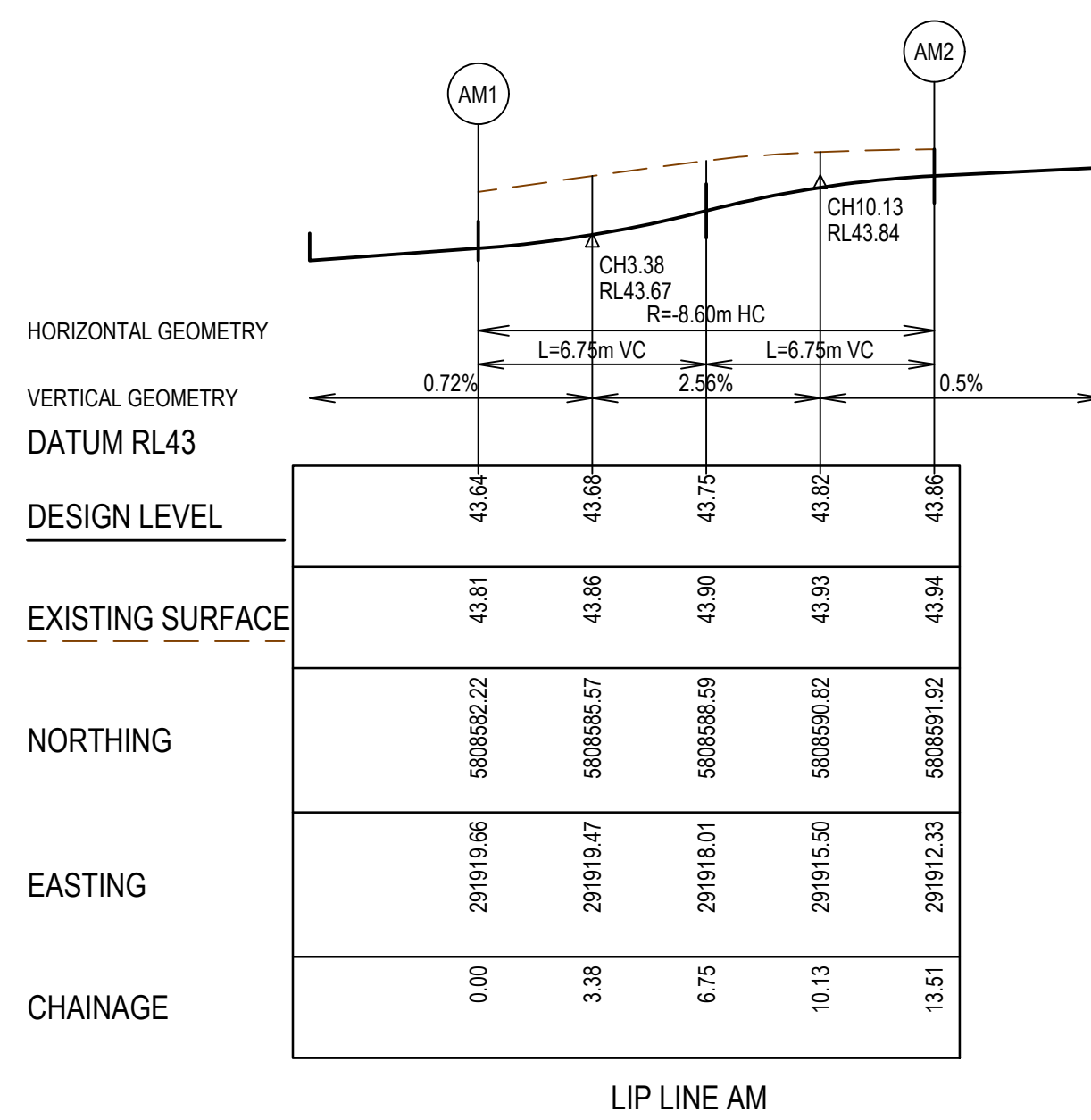
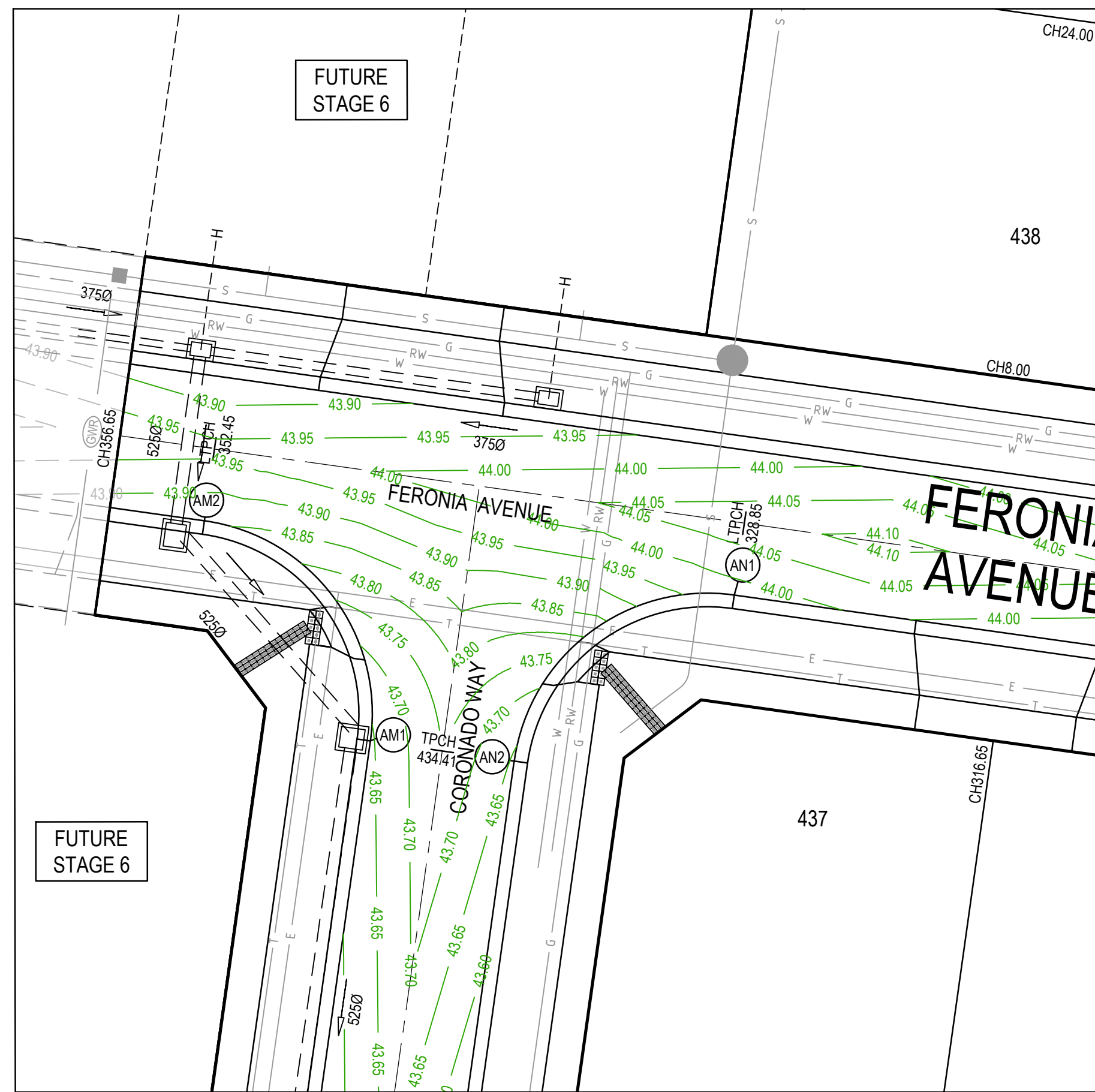
Alamora - Stage 4, Sayers Road, Tarnait
Wyndham City Council
Road and Drainage
Intersection Detail Plan - 3

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-06	SHEET No. 06 of 26	REVISION 5
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LEGEND - INTERSECTION DETAIL PLAN
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	HOUSE DRAIN
	SERVICE CONDUITS
	TACTILE PAVERS
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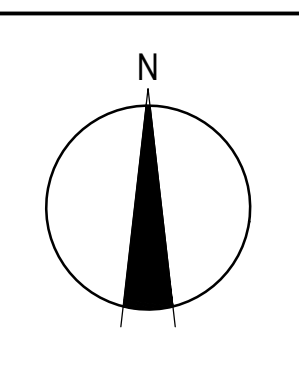
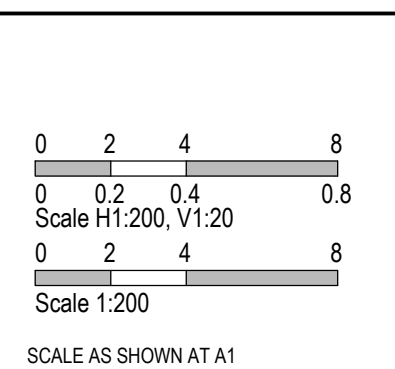
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AUTHORISED	D.Powell
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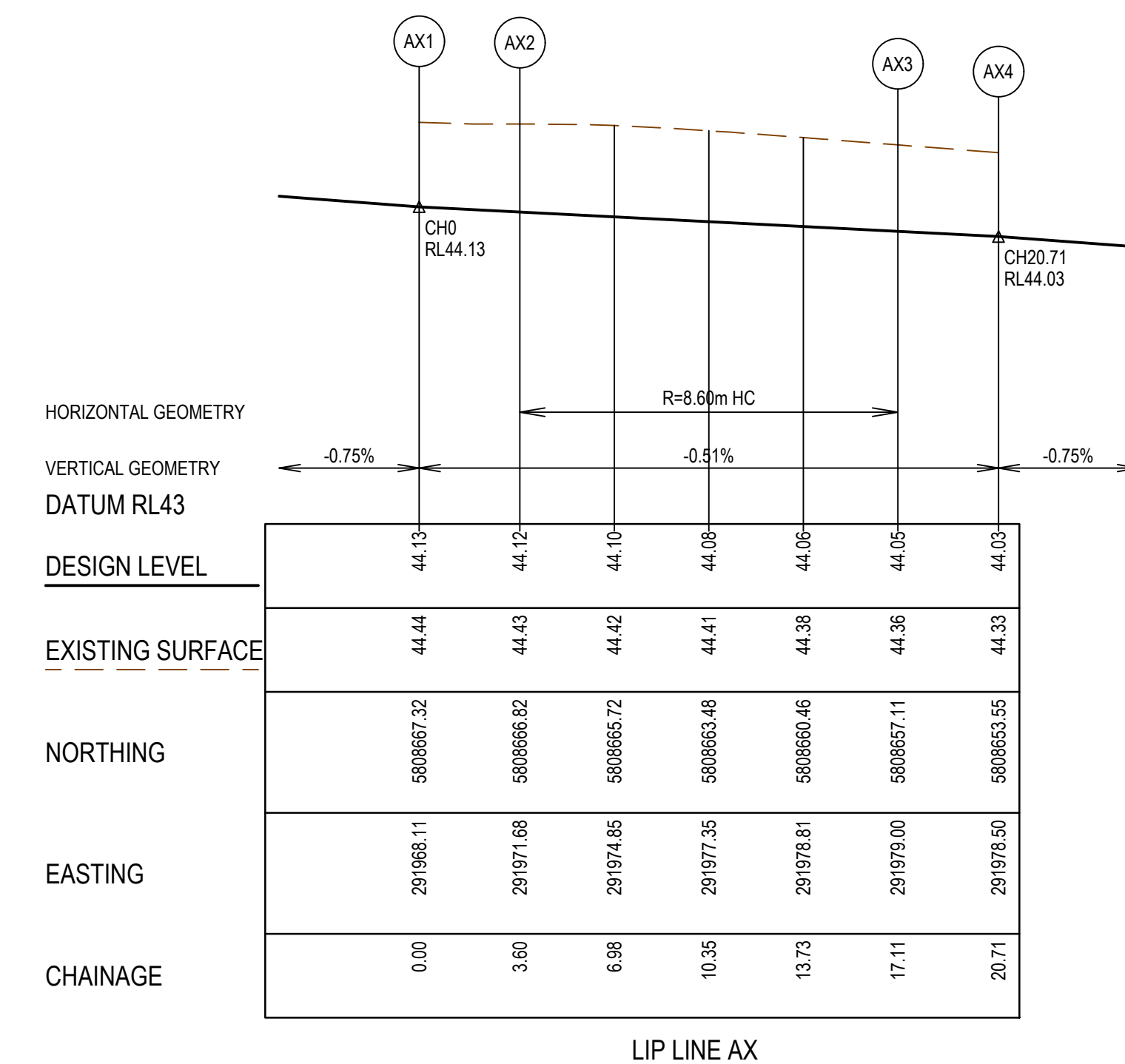
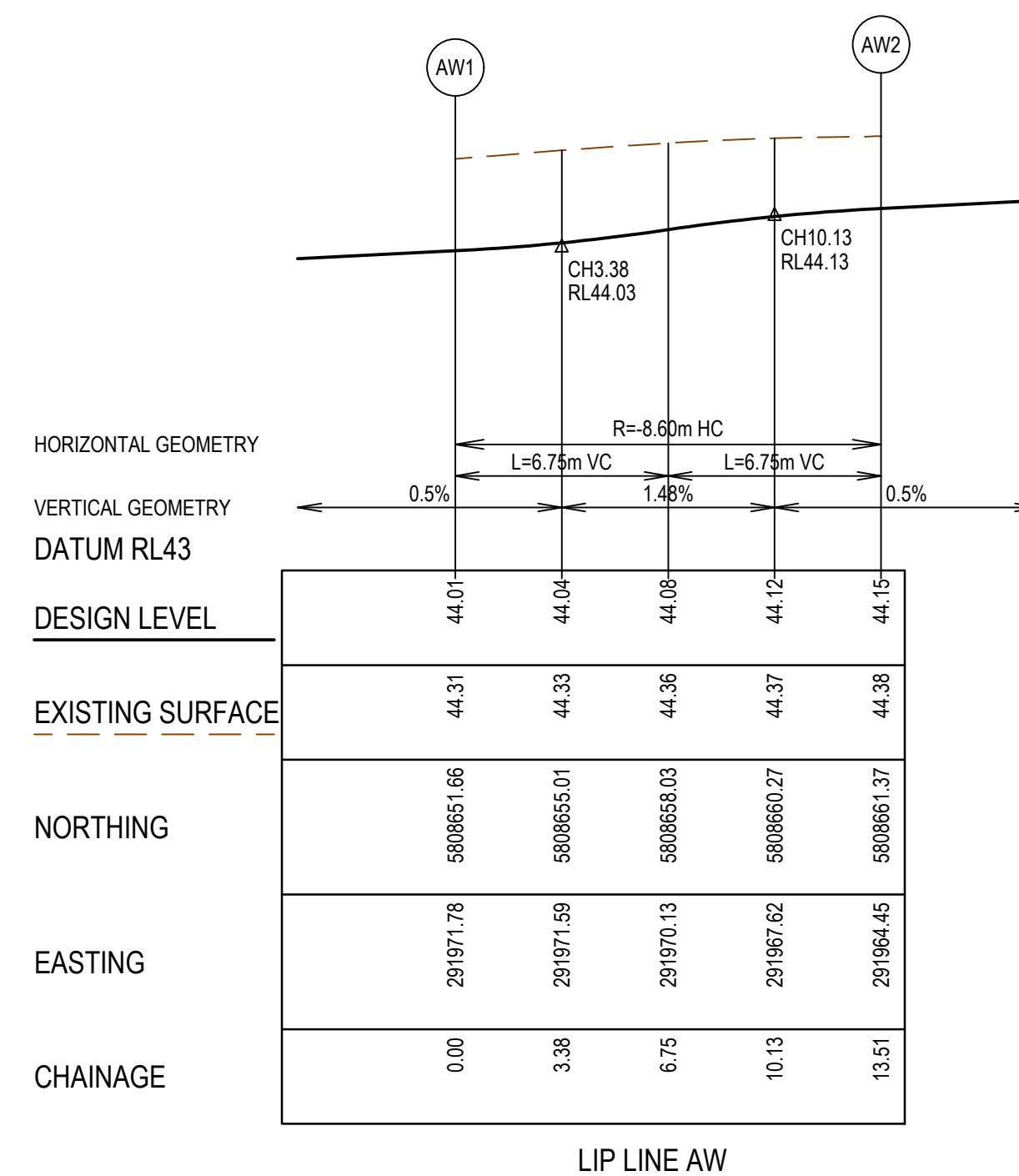
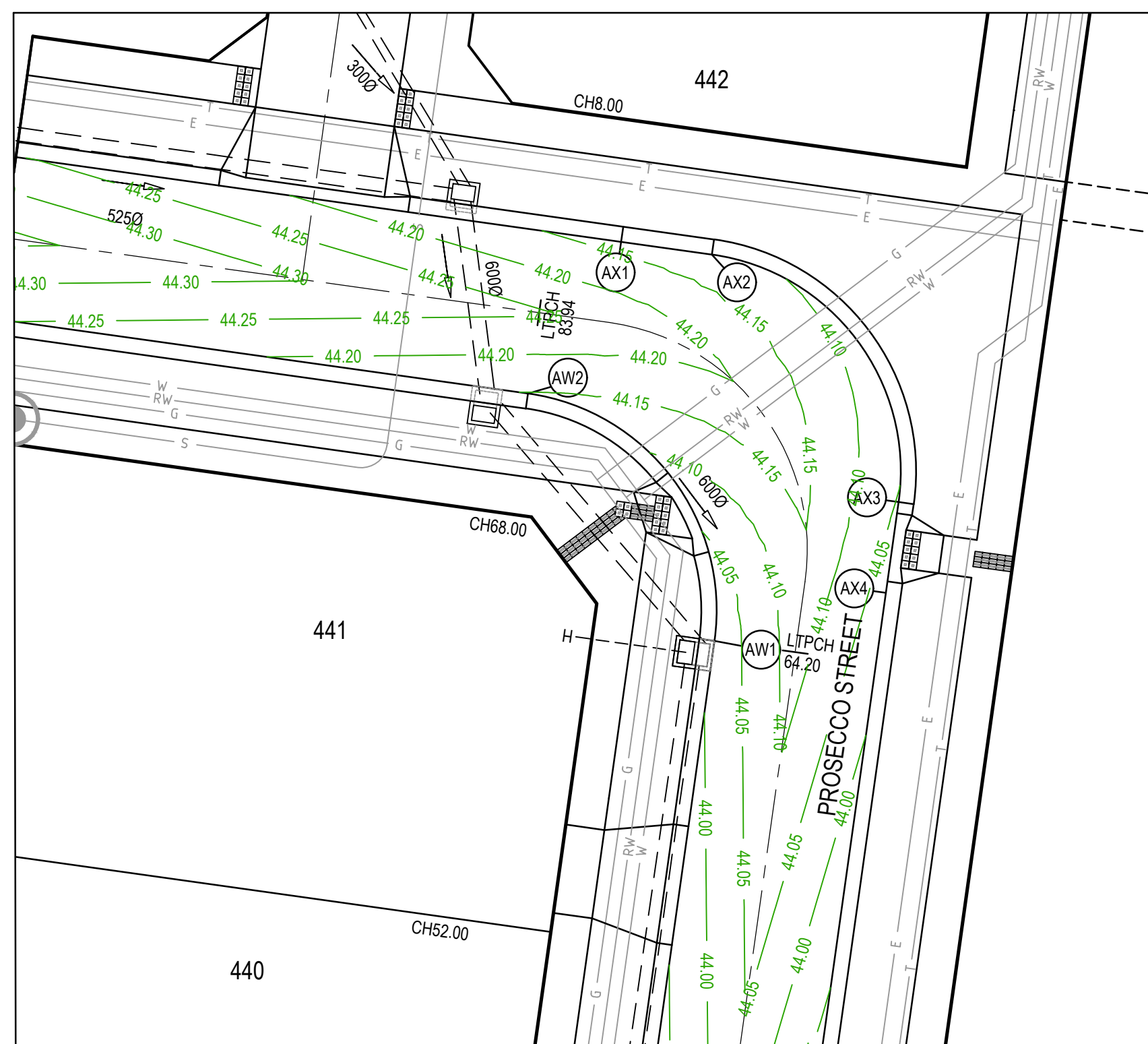
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ALAMORA
Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
Wyndham City Council
Road and Drainage
Intersection Detail Plan - 4

MELBOURNE REF 234 D5	PROJECT / DRAWING No. 2070E-A04-07	SHEET No. 07 of 26	REVISION 2
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LEGEND - INTERSECTION DETAIL PLAN	
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	STORMWATER DRAIN, PIT & PROPERTY INLET
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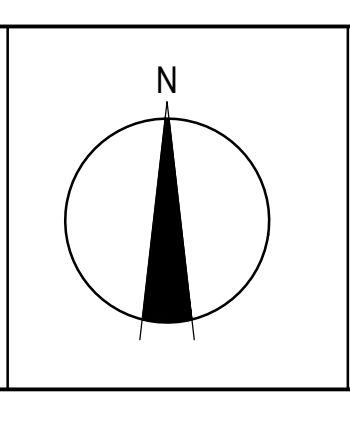
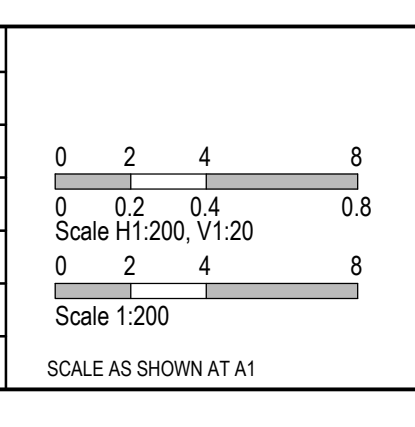
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REFERENCE No. 2	

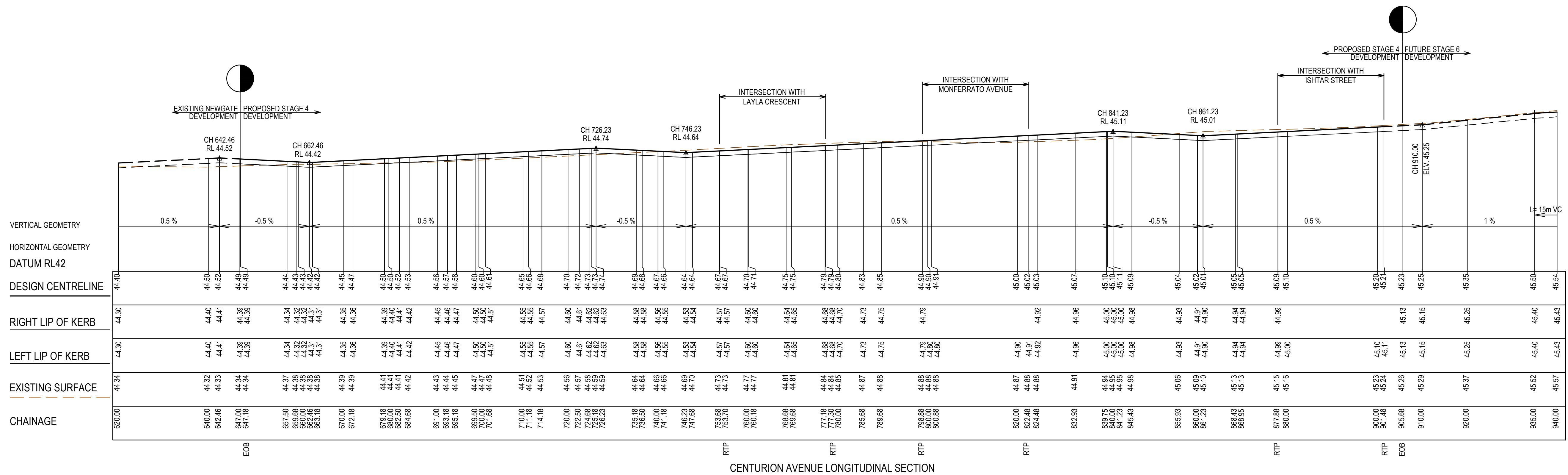
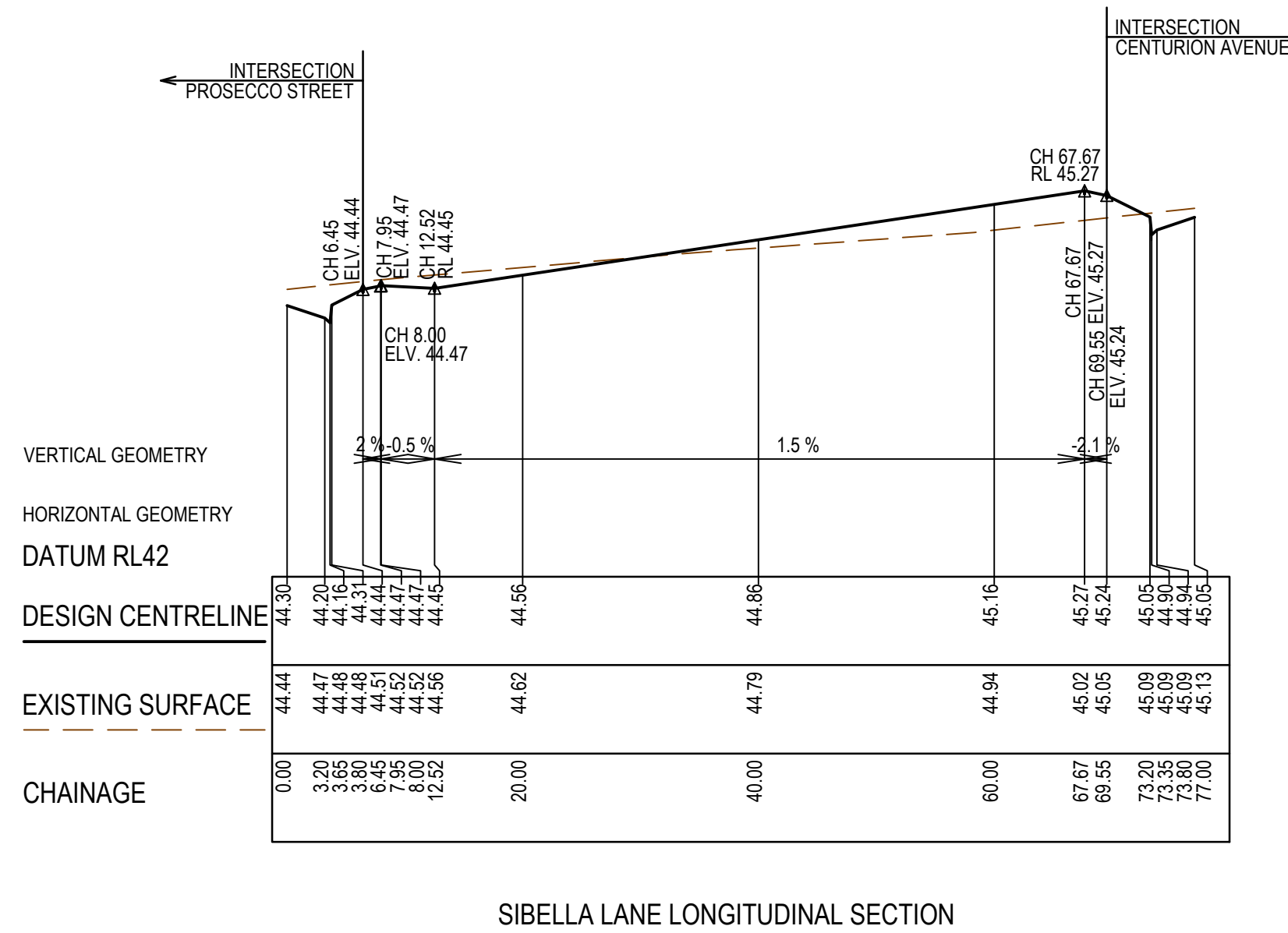
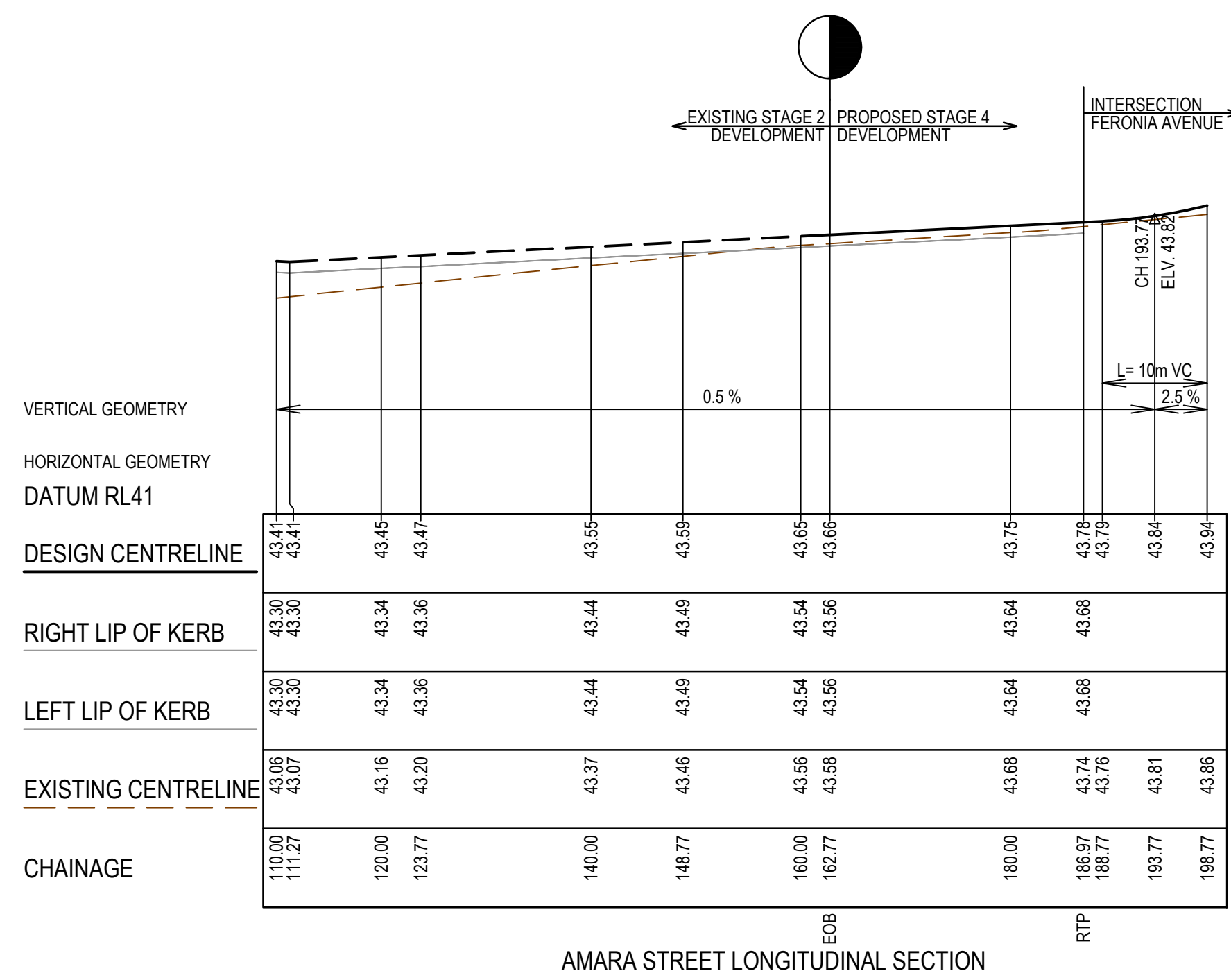


SMEC
 Member of the Surlana Jurong Group
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins Street
 Melbourne, VIC 3008
 Ph 03 9514 1500



Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Intersection Detail Plan - 5

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-08	SHEET No. 08 of 26	REVISION 1
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AS CONSTRUCTED PLANS
 The purpose of these as-constructed plans is to update the design drawings to show significant changes which occurred during construction. Note that the levels shown on these plans are design levels, and have not been verified by survey. All information shown on these plans should be verified on site. SMEC Australia Pty Ltd accept no responsibility for loss or damages resulting from the inappropriate usage of these plans.

AS CONSTRUCTED

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Quality Management ISO 9001
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OH&S Management AS/NZS 1880
 Global-Mark.com.au

Environmental Management ISO 14001
 Global-Mark.com.au

TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

0 5 10 20
 0 0.5 1 2
 Scale H1:500, V1:50
 SCALE AS SHOWN AT 1

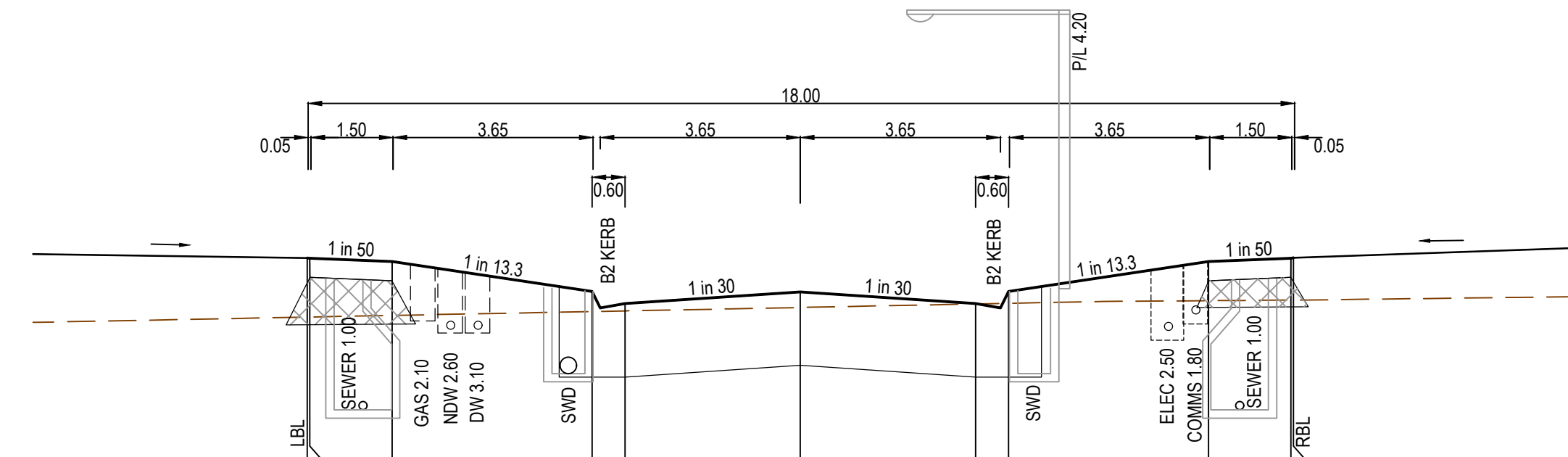
SMEC
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 Melbourne, VIC 3008
 Ph 03 9514 1500

ALAMORA
Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Longitudinal Sections - 1

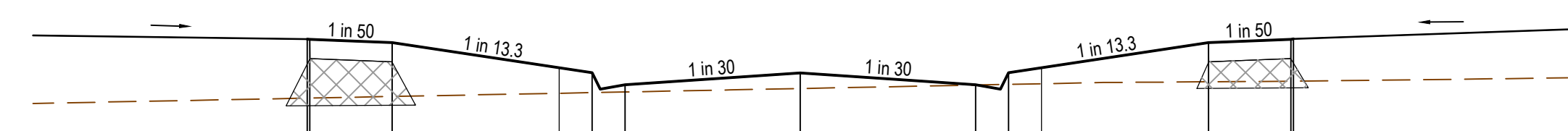
MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-09	SHEET No. 09 of 26	REVISION 3
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STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



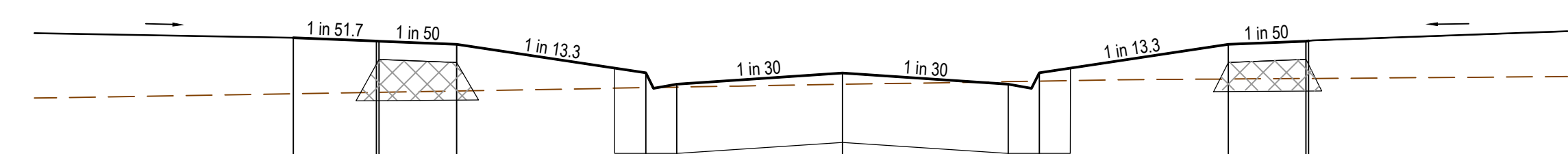
DATUM43.0																				
DESIGN SURFACE		44.96	44.96	44.93	44.66	44.55	44.65	44.55	44.66	44.93	44.96	44.96	44.93	44.66	44.55	44.65	44.55	44.66	44.93	44.96
EXISTING SURFACE		44.43	44.43	44.44	44.48	44.48	44.51	44.54	44.55	44.57	44.58	44.58	44.58	44.58	44.55	44.55	44.55	44.55	44.57	44.58
OFFSET		-9.00	-8.95	-7.45	-3.80	-3.20	0.00	3.20	3.80	7.45	8.95	8.95	8.95	8.95	3.20	3.80	7.45	8.95	8.95	8.95

CH 710.00



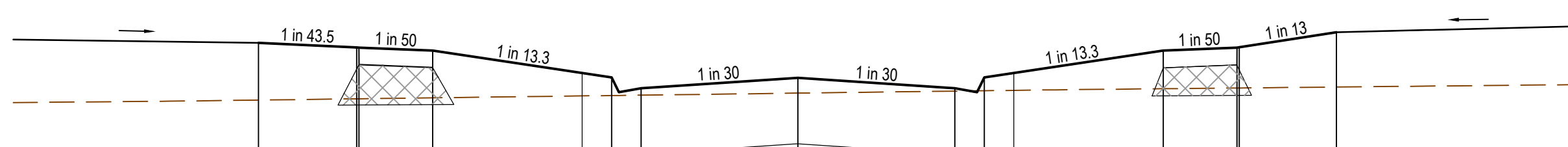
DATUM43.0																				
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EXISTING SURFACE		44.43	44.43	44.44	44.48	44.48	44.51	44.54	44.55	44.57	44.58	44.58	44.58	44.58	44.55	44.55	44.55	44.55	44.57	44.58
OFFSET		-9.00	-8.95	-7.45	-3.80	-3.20	0.00	3.20	3.80	7.45	8.95	8.95	8.95	8.95	3.20	3.80	7.45	8.95	8.95	8.95

CH 710.00



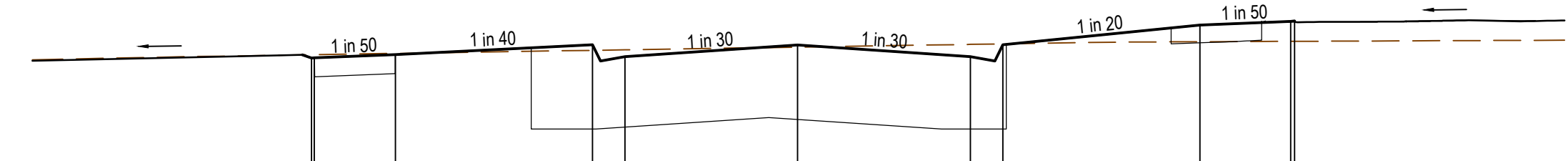
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DESIGN SURFACE		44.87	44.84	44.80	44.53	44.42	44.53	44.42	44.53	44.80	44.87	44.87	44.87	44.87	44.42	44.42	44.42	44.53	44.80	44.87
EXISTING SURFACE		44.33	44.34	44.35	44.38	44.39	44.42	44.44	44.45	44.47	44.47	44.47	44.47	44.47	44.44	44.44	44.44	44.45	44.47	44.47
OFFSET		-10.61	-9.00	-7.45	-3.80	-3.20	0.00	3.20	3.80	7.45	8.95	8.95	8.95	8.95	3.20	3.80	7.45	8.95	8.95	8.95

CH 684.18



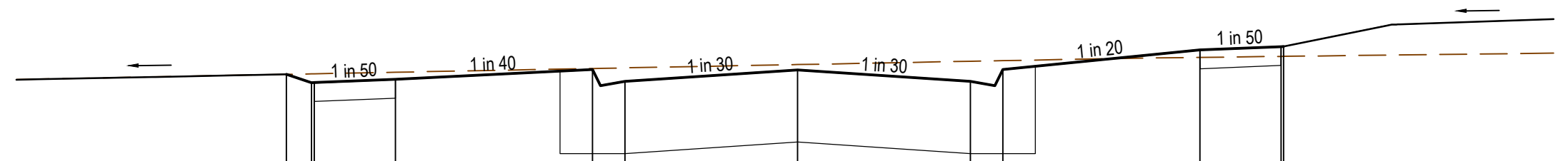
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DESIGN SURFACE		44.85	44.80	44.77	44.50	44.39	44.49	44.39	44.50	44.77	44.85	44.85	44.85	44.85	44.39	44.39	44.39	44.50	44.77	44.85
EXISTING SURFACE		44.27	44.28	44.29	44.31	44.32	44.34	44.36	44.36	44.38	44.38	44.38	44.38	44.38	44.36	44.36	44.36	44.36	44.38	44.38
OFFSET		-11.00	-9.00	-7.45	-3.80	-3.20	0.00	3.20	3.80	7.45	8.95	8.95	8.95	8.95	3.20	3.80	7.45	8.95	8.95	10.98

EOB CH 647.00



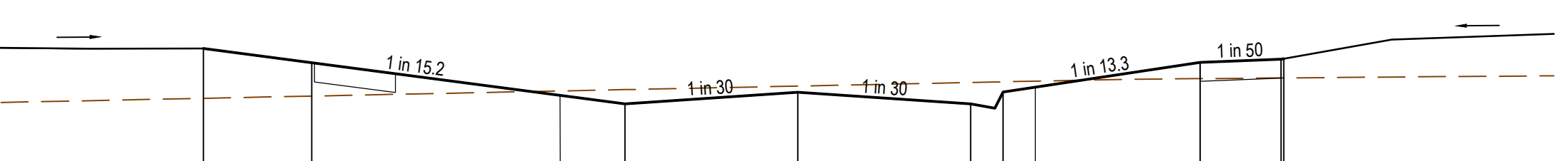
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DESIGN SURFACE		44.78	44.78	44.81	44.90	44.79	44.90	44.79	44.90	44.79	44.78	44.78	44.78	44.78	44.81	44.90	44.79	44.90	44.78	44.78
EXISTING SURFACE		44.81	44.81	44.82	44.85	44.86	44.88	44.91	44.91	44.91	44.91	44.91	44.91	44.91	44.82	44.85	44.86	44.88	44.91	44.91
OFFSET		-9.00	-8.95	-7.45	-3.80	-3.20	0.00	3.20	3.80	7.45	8.95	8.95	8.95	8.95	3.20	3.80	7.45	8.95	8.95	8.95

RTP CH 798.88



DATUM43.0																				
DESIGN SURFACE		44.75	44.75	44.70	44.79	44.68	44.79	44.68	44.79	44.68	44.75	44.75	44.75	44.75	44.70	44.79	44.68	44.79	44.68	44.75
EXISTING SURFACE		44.75	44.75	44.77	44.80	44.81	44.84	44.87	44.88	44.88	44.91	44.91	44.91	44.91	44.77	44.80	44.81	44.84	44.87	44.88
OFFSET		-9.47	-9.00	-7.45	-3.80	-3.20	0.00	3.20	3.80	7.45	8.95	8.95	8.95	8.95	3.20	3.80	7.45	8.95	8.95	8.95

LTP CH 777.30



DATUM43.0																				
DESIGN SURFACE		45.08	45.95	44.57	44.67	44.57	44.67	44.57	44.67	44.57	44.57	44.57	44.57	44.57	44.67	44.57	44.67	44.57	44.57	44.57
EXISTING SURFACE		44.62	44.62	44.70	44.73	44.76	44.77	44.80	44.81	44.81	44.81	44.81	44.81	44.81	44.73	44.76	44.77	44.80	44.81	44.81
OFFSET		-11.01	-9.00	-3.20	0.00	3.20	3.80	7.45	8.95	8.95	8.95	8.95	8.95	8.95	3.20	3.80	7.45	8.95	8.95	8.95

LTP CH 753.70

AS CONSTRUCTED PLANS

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AS CONSTRUCTED

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DRAFTER	S.Mango		
DESIGNER	N.Freeman		
CHECKED	C.Sexton		
AUTHORISED	D.Powell		
REFERENCE No. 1			
REFERENCE No. 2			

0 1 2 4
0 0.5 1 2
Scale H1:100, V1:50
SCALE AS SHOWN AT 1

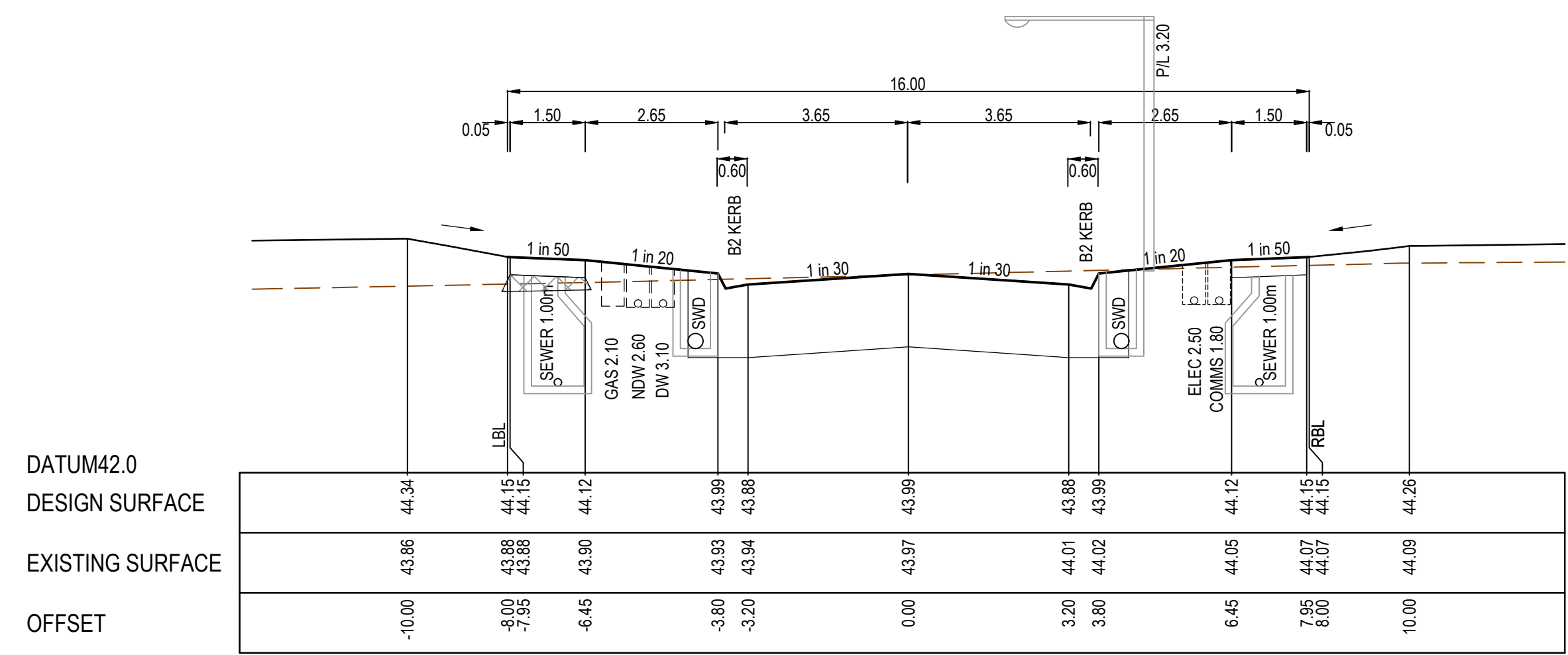
SMEC
Member of the Surlana Jurong Group
ABN 47 065 475 149
Collins Square, Tower 4, Level 20, 727 Collins Street
Melbourne, VIC 3008
Ph 03 9514 1500

ALAMORA
Tarnait

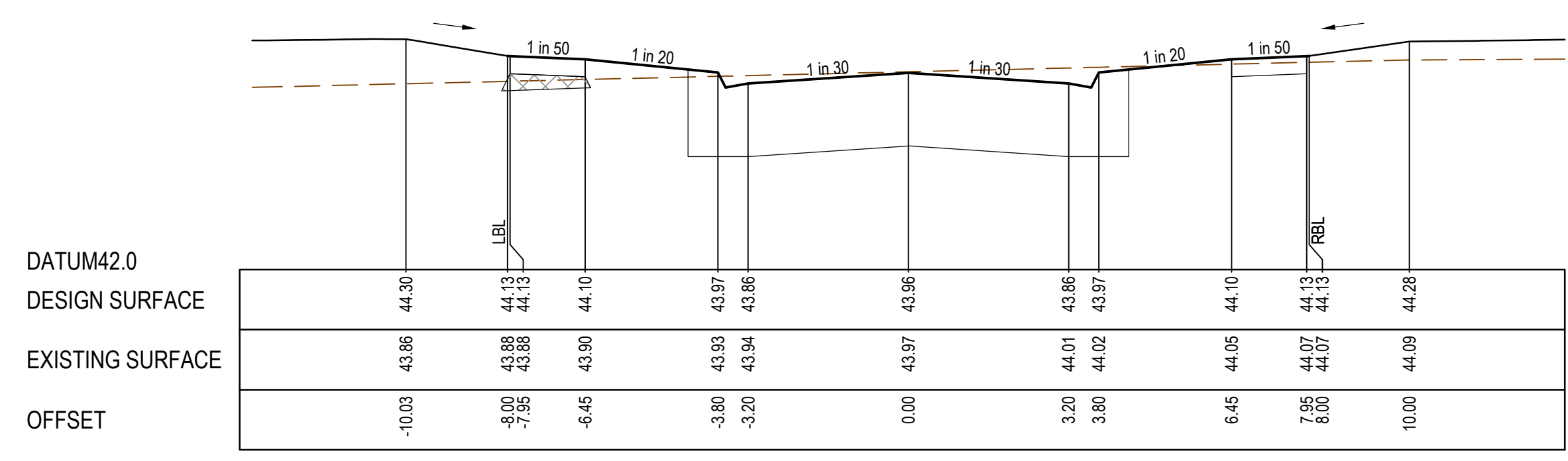
Alamora - Stage 4, Sayers Road, Tarnait
Wyndham City Council
Road and Drainage
Cross Sections: Centurion Avenue
Ch 647.00 - Ch 798.88

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-12	SHEET No. 12 of 26	REVISION 2
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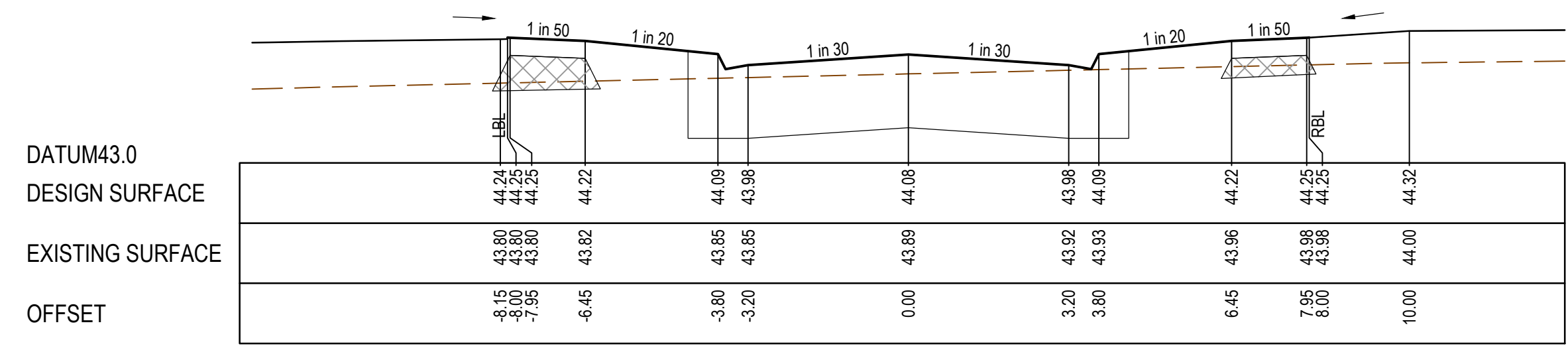
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



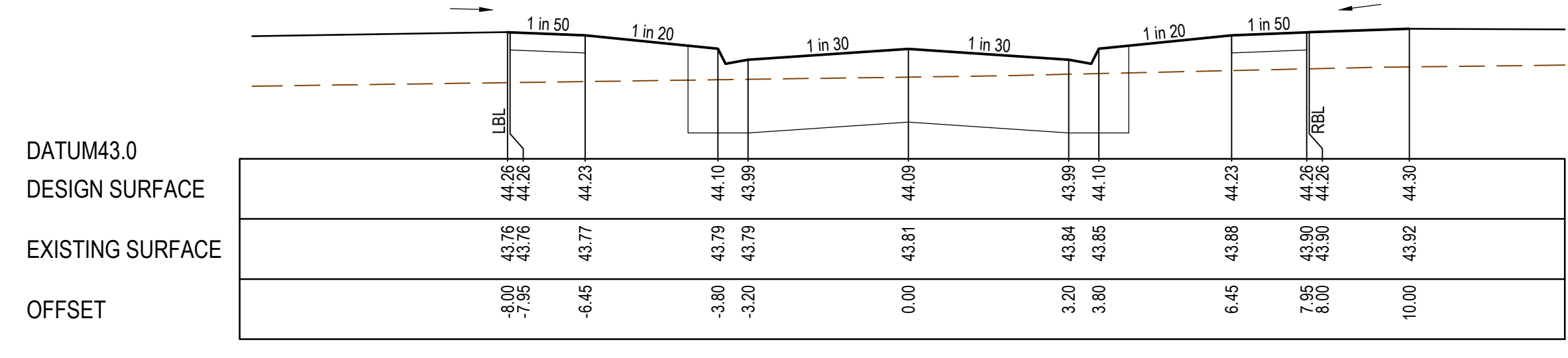
EOB CH 356.65



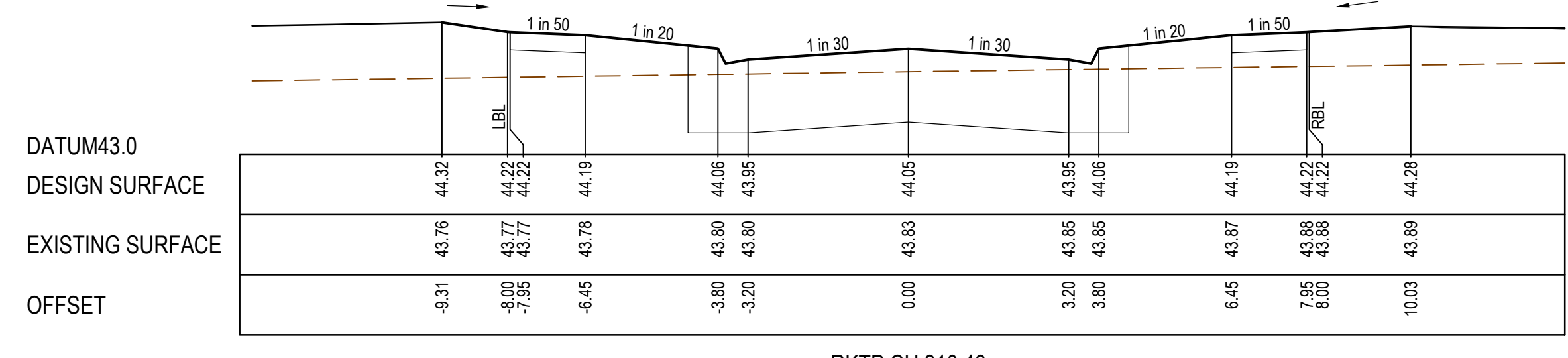
LKTP CH 352.45



LKTP CH 328.85



CH 318.65



RKTP CH 310.46

AS CONSTRUCTED PLANS

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Quality Management ISO 9001
 OHS Management AS/NZS 1881
 Environmental Management ISO 14001

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TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

0 1 2 4
 0 0.5 1 2
 Scale H1:100, V1:50
 SCALE AS SHOWN AT A1

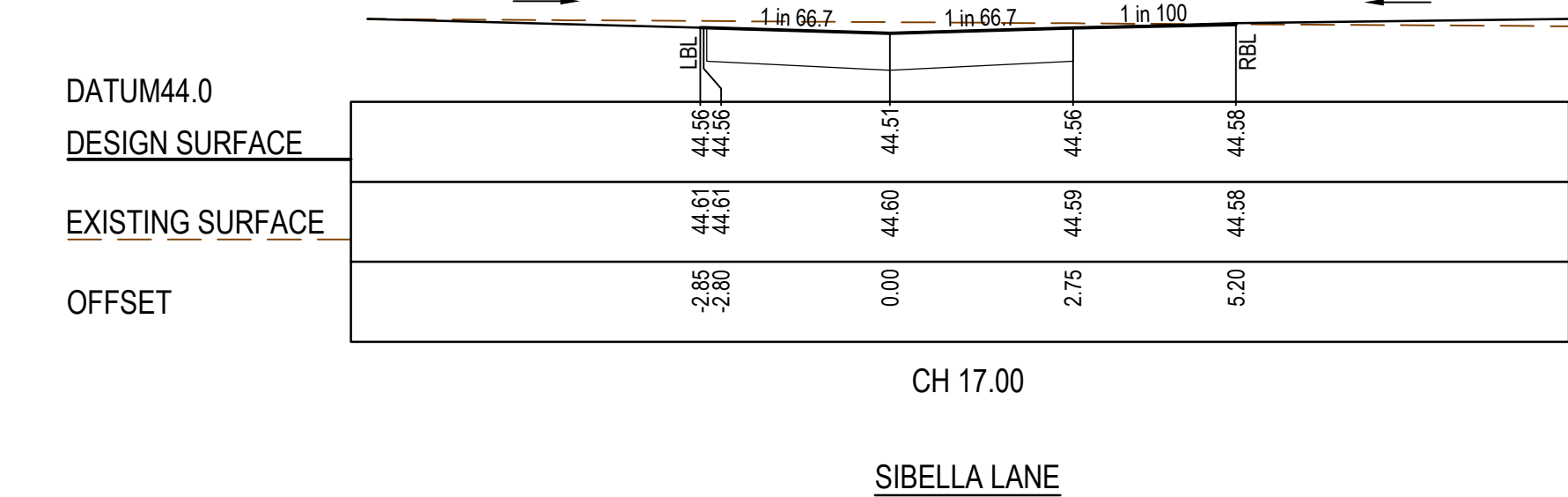
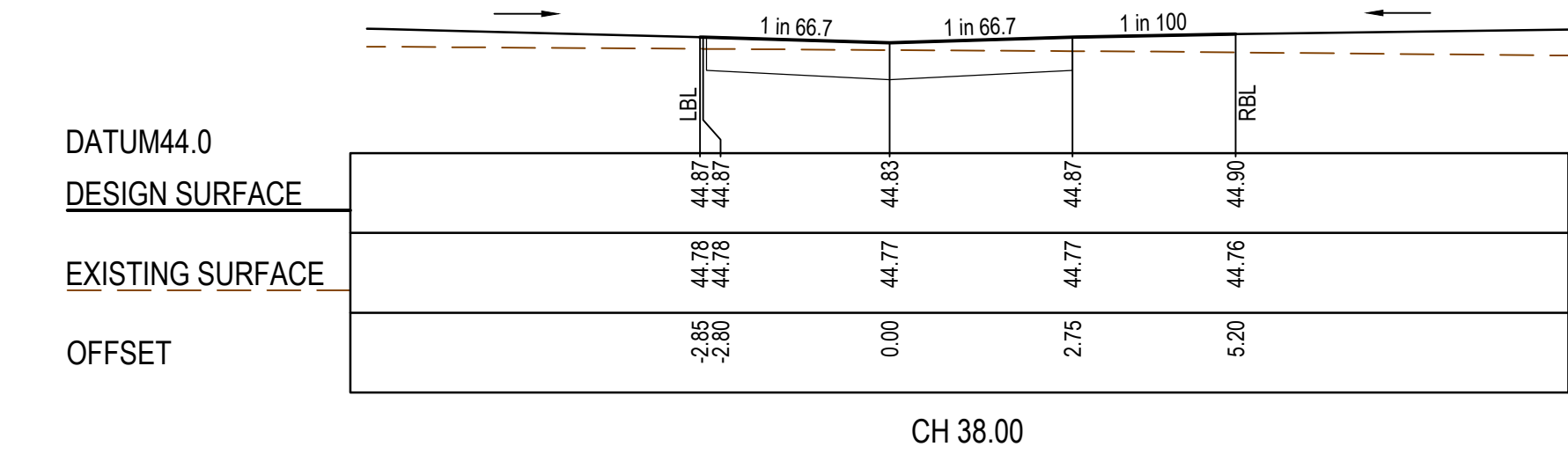
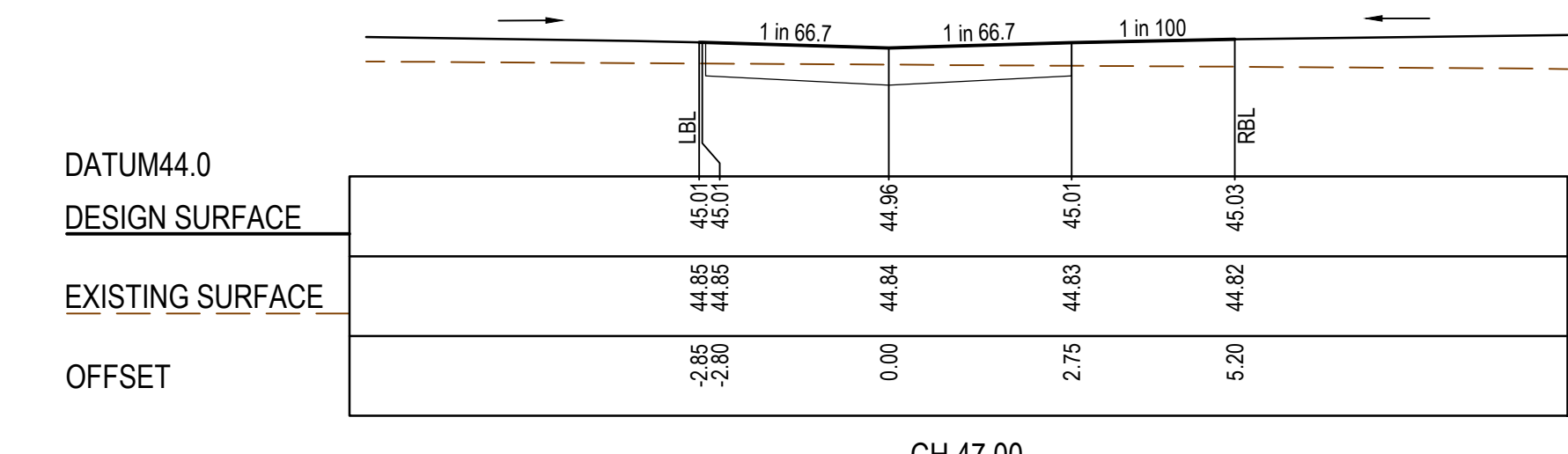
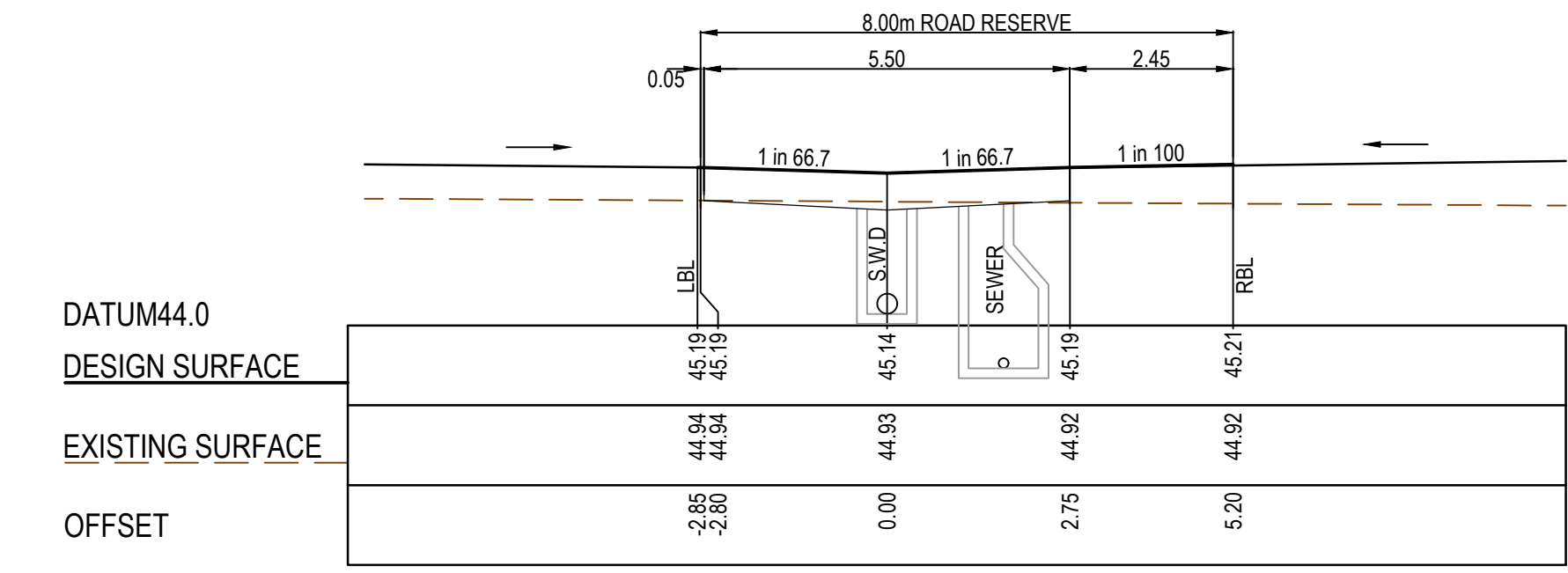
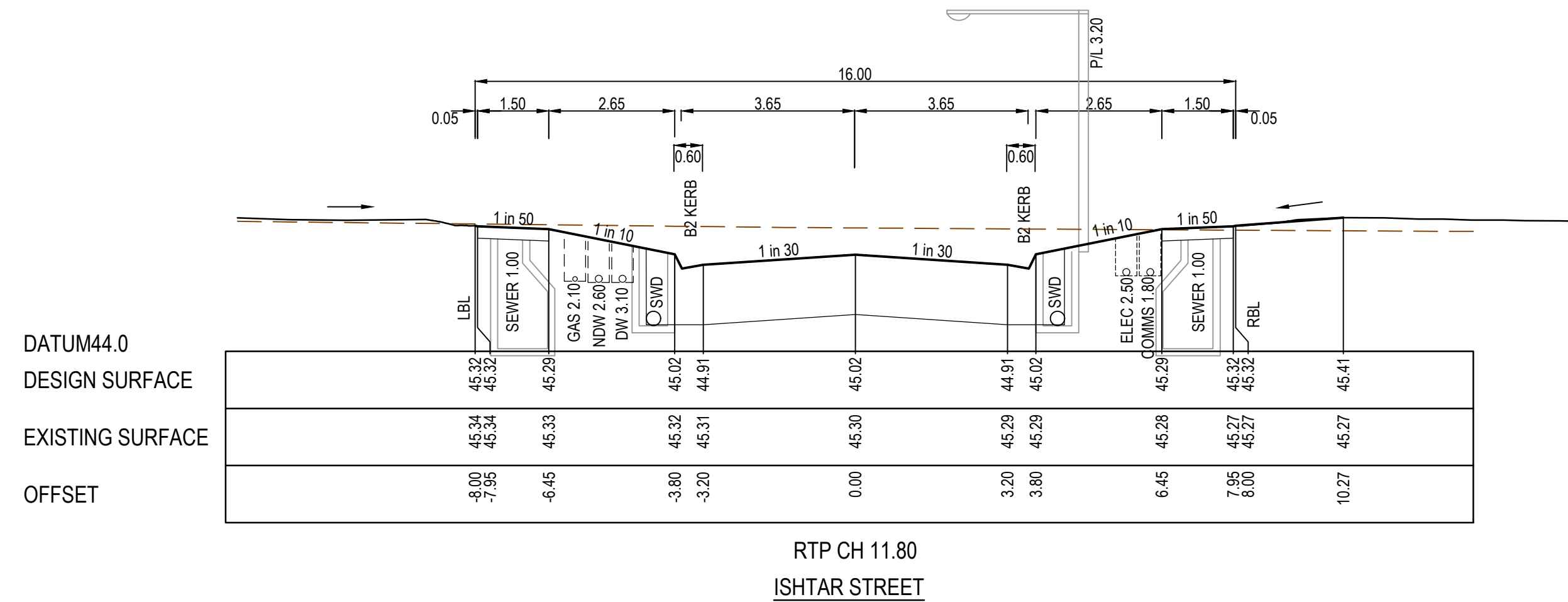
SMEC
 Member of the Surlana Jurong Group
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 Collins Square, Tower 4, Level 20, 727 Collins Street
 Melbourne, VIC 3008
 Ph 03 9514 1500

ALAMORA
 Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Cross Sections: Feronia Avenue
 Ch 310.46 - Ch 352.45

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-17	SHEET No. 17 of 26	REVISION 2
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STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE



AS CONSTRUCTED PLANS
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AS CONSTRUCTED

TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

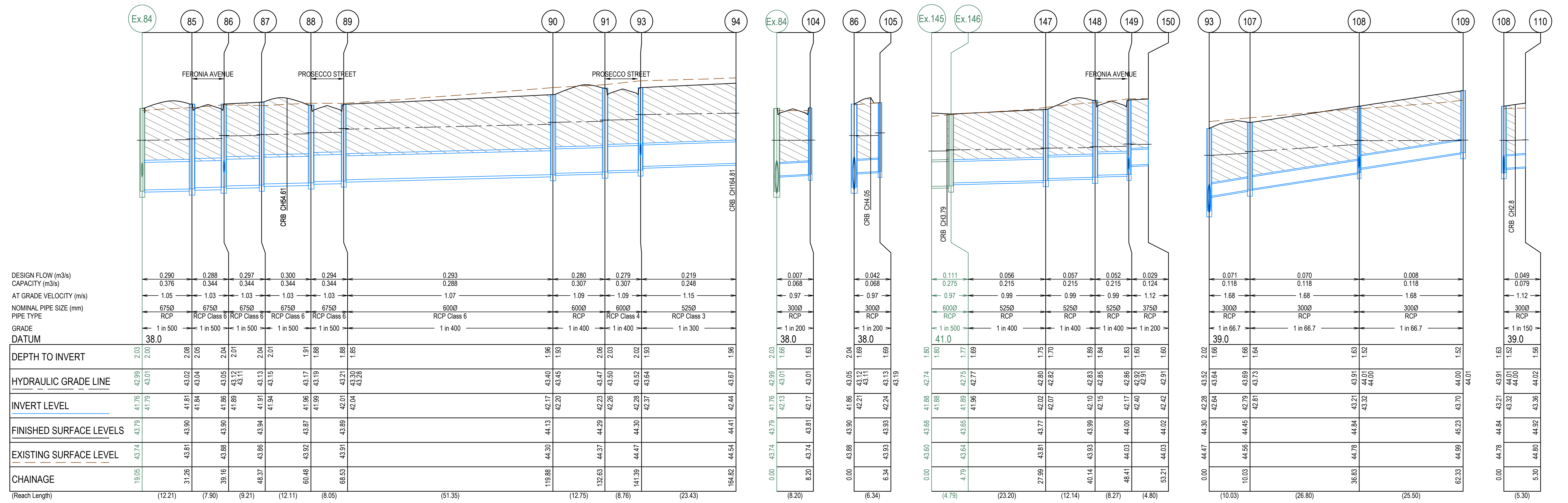
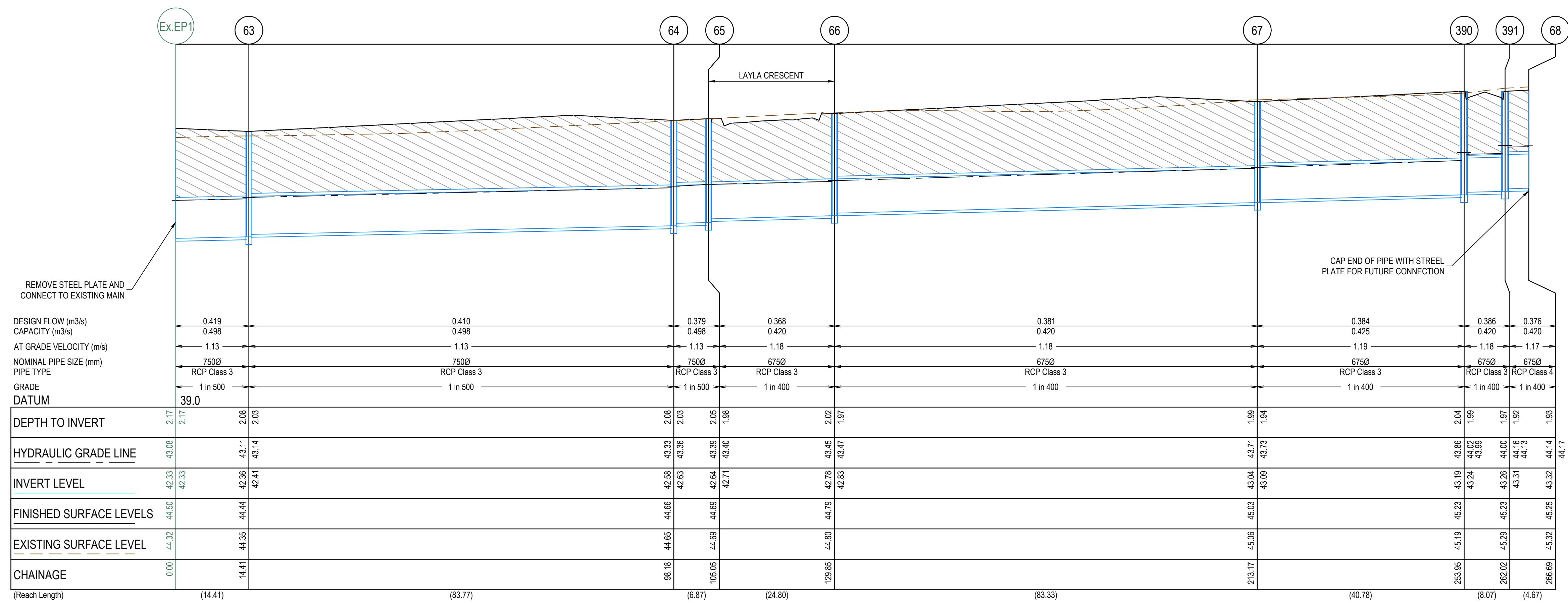
0 1 2 4
 0 0.5 1 2
 Scale H1:100, V1:50
 SCALE AS SHOWN AT A1

Member of the **Surbana Jurong Group**
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins Street
 Melbourne, VIC 3008
 Ph 03 9514 1500

Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Cross Sections: Ishtar Street & Sibella Lane

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-18	SHEET No. 18 of 26	REVISION 3
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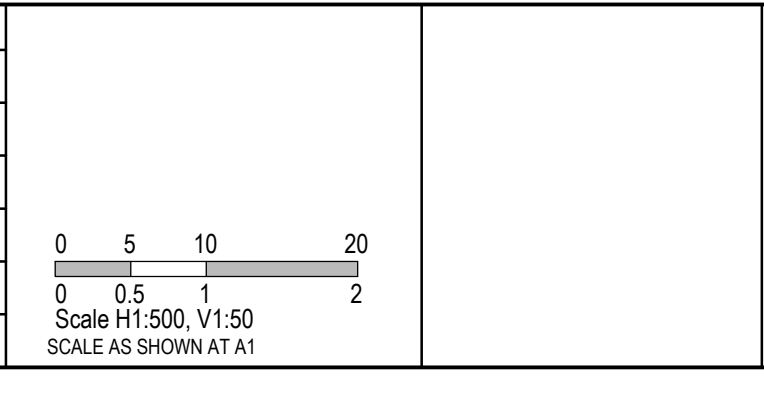
CRUSHED ROCK BACKFILL
 CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH WYNDHAM CITY COUNCIL STANDARDS & SPECIFICATION CLASS 2 UNDER ROAD PAVEMENT & CLASS 3 BEHIND KERB



AS CONSTRUCTED PLANS
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AS CONSTRUCTED

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DRAFTER	S.Mango	DESIGNER	N.Freeman
CHECKED	C.Sexton	AUTHORISED	D.Powell
REFERENCE No. 1		REFERENCE No. 2	



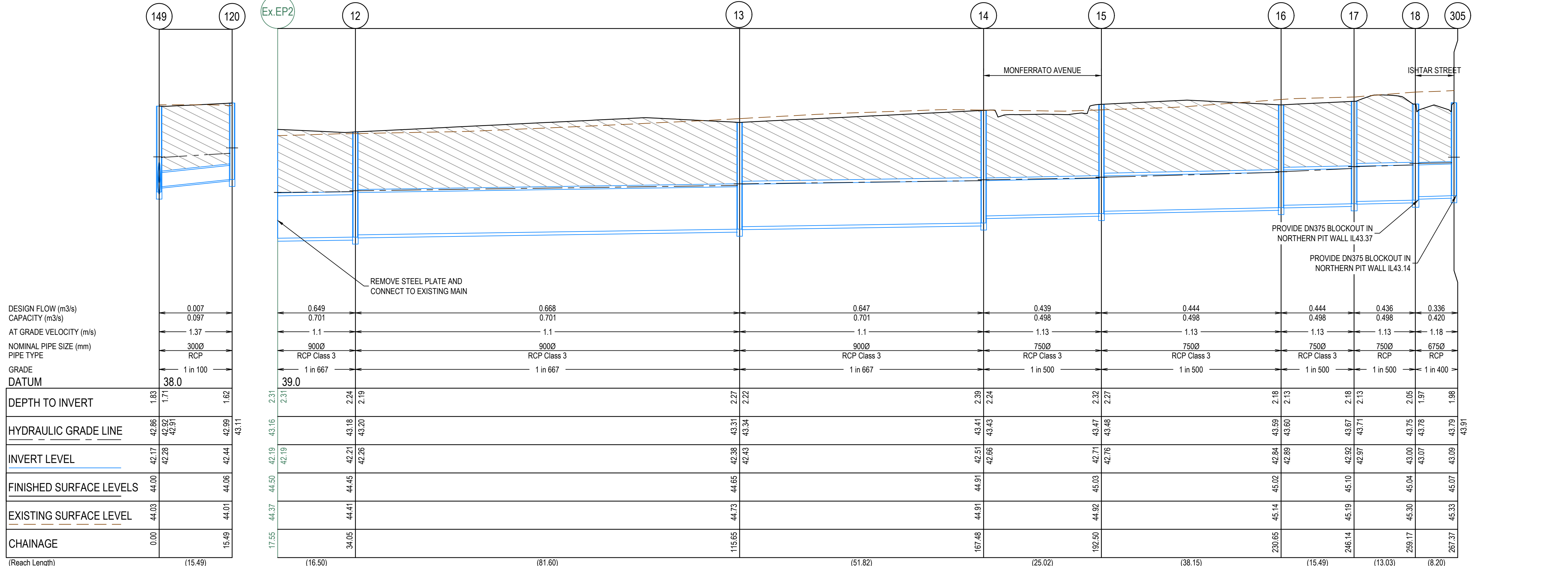
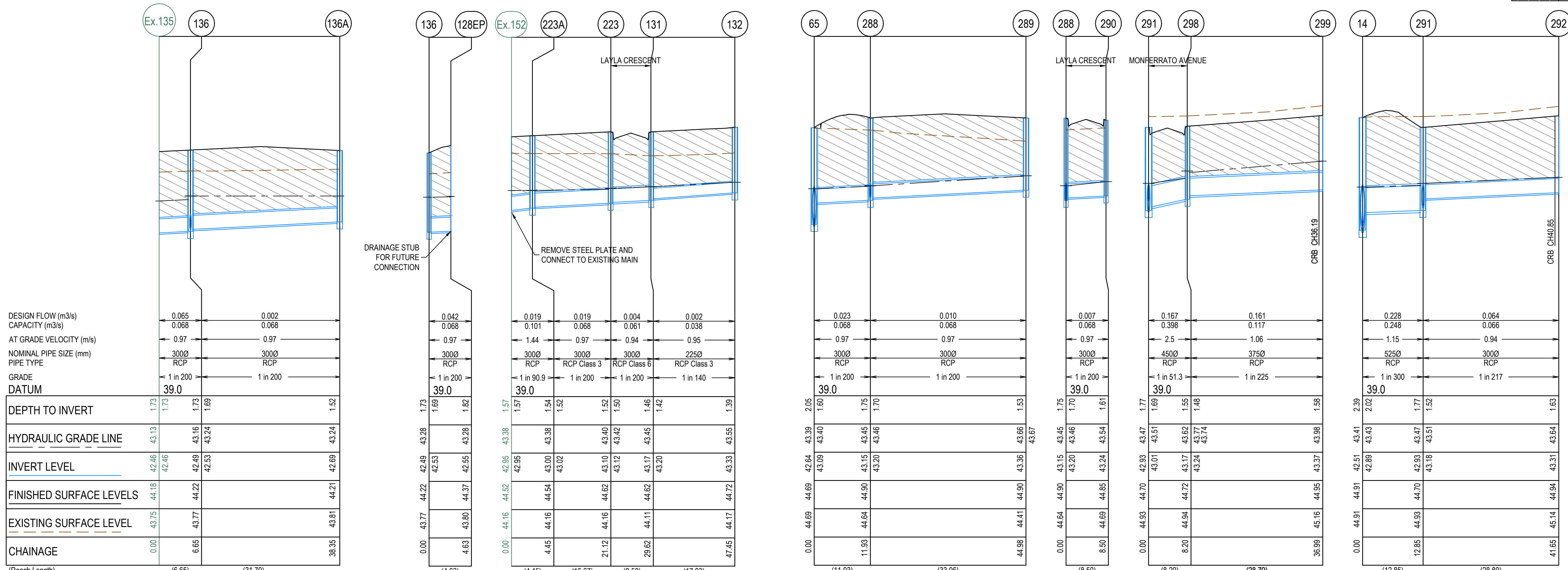
SMEC
 Member of the Surlana Jurong Group
 ABN 47 065 475 149
 Collins Square, Tower 4, Level 20, 727 Collins Street
 Melbourne, VIC 3008
 Ph 03 9514 1500

ALAMORA
 Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Drainage Longitudinal Sections - 1

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-20	SHEET No. 20 of 26	REVISION 3
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CRUSHED ROCK BACKFILL
 CRB INDICATES CRUSHED ROCK BACKFILL COMPACTED IN ACCORDANCE WITH WYNDHAM CITY COUNCIL STANDARDS & SPECIFICATION CLASS 2 UNDER ROAD PAVEMENT & CLASS 3 BEHIND KERB



AS CONSTRUCTED PLANS

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AS CONSTRUCTED

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TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

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 Collins Square, Tower 4, Level 20, 727 Collins Street
 Melbourne, VIC 3008
 Ph 03 9514 1500

Scale: H1:500, V1:50
 SCALE AS SHOWN AT 1

ALAMORA
 Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Drainage Longitudinal Sections - 2

MELBOURNE REF	PROJECT / DRAWING No.	SHEET No.	REVISION
234 D5	2070E-A04-21	21 of 26	5

NAME	PIT		INTERNAL		INLET		OUTLET		PIT		STD DWG	REMARKS
	TYPE	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH			
Ex.EP1	ENDPIPE			750	42.33	750	42.33	44.499	2.169			REMOVE STEEL PLATE AND CONNECT TO EXISTING DRAINAGE
63	DOUBLE SIDE ENTRY PIT	1050	900	750	42.409	750	42.359	44.437	2.079	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
64	DOUBLE SIDE ENTRY PIT	1050	900	750	42.626	750	42.576	44.656	2.08	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
65	JUNCTION PIT	1050	900	675	42.715	750	42.64	44.691	2.051	EDCM 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
66	SIDE ENTRY PIT	1050	900	675	42.827	675	42.777	44.792	2.015	EDCM 601 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
67	DOUBLE SIDE ENTRY PIT	1050	900	675	43.085	675	43.035	45.025	1.99	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
68	ENDPIPE			675	43.319	675	43.319	45.254	1.934			CAP END OF PIPE WITH STEEL PLATE FOR FUTURE CONNECTION
390	SIDE ENTRY PIT	1050	1050	675	43.237	675	43.187	45.23	2.043	EDCM 601 & VR SD 1023		PIT TO BE DOUBLE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
391	SIDE ENTRY PIT	1050	1050	675	43.307	675	43.257	45.23	1.972	EDCM 601 & VR SD 1023		PIT TO BE DOUBLE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
83	ENDPIPE			675	41.721	675	41.721	43.703	1.982			CAP END OF PIPE WITH STEEL PLATE FOR FUTURE CONNECTION
Ex.84	SIDE ENTRY PIT	1200	900	675	41.789	675	41.759	43.792	2.033			BREAK COVER AT MALTHOID JOINT AND COVERT TO SIDE ENTRY PIT. PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT & CONNECT TO EXISTING 675Ø & 300Ø BLOCOUTS
85	SIDE ENTRY PIT	1200	900	675	41.843	675	41.813	43.898	2.084	EDCM 601 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
86	DOUBLE SIDE ENTRY PIT	1200	900	675	41.889	675	41.859	43.898	2.038	EDCM 601 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
87	JUNCTION PIT	1200	900	675	41.938	675	41.908	43.944	2.036	EDCM 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
88	DOUBLE SIDE ENTRY PIT	1200	900	675	41.992	675	41.962	43.872	1.91	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
89	DOUBLE SIDE ENTRY PIT	900	900	600	42.038	675	42.008	43.889	1.882	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
90	SIDE ENTRY PIT	1200	900	600	42.196	600	42.166	44.129	1.962	EDCM 601 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
91	SIDE ENTRY PIT	1200	900	600	42.257	600	42.228	44.289	2.06	EDCM 601 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
93	JUNCTION PIT	900	900	525	42.366	600	42.279	44.299	2.02	EDCM 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
94	ENDPIPE			525	42.444	525	42.444	44.408	1.965			CAP END OF PIPE WITH STEEL PLATE FOR FUTURE CONNECTION
104	SIDE ENTRY PIT	600	900			300	42.175	43.807	1.632	EDCM 601		
105	GRATED ENTRY PIT	600	900			300	42.244	43.93	1.686	EDCM 605		
Ex. 146	DOUBLE SIDE ENTRY PIT	900	900	525	41.962	600	41.887	43.652	1.765	EDCM 602 & 607		BREAK COVER AT MALTHOID JOINT AND CONVERT TO DOUBLE SIDE ENTRY PIT. CONNECT TO EXISTING 525Ø BLOCKOUT
147	JUNCTION PIT	1050	900	525	42.07	525	42.02	43.765	1.746	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
148	SIDE ENTRY PIT	1050	900	525	42.15	525	42.1	43.985	1.885	EDCM 601 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
149	DOUBLE SIDE ENTRY PIT	600	900	375	42.396	525	42.171	43.997	1.826	EDCM 601		
150	ENDPIPE			375	42.42	375	42.42	44.021	1.601			CAP END OF PIPE WITH STEEL PLATE FOR FUTURE CONNECTION
107	GRATED ENTRY PIT	600	900	300	42.813	300	42.786	44.449	1.663	EDCM 605		
108	GRATED ENTRY PIT	900	600	300	43.322	300	43.215	44.845	1.63	EDCM 605		
109	GRATED ENTRY PIT	600	900			300	43.704	45.227	1.523	EDCM 605		
110	ENDPIPE			300	43.357	300	43.357	44.918	1.561			CAP END OF PIPE WITH STEEL PLATE FOR FUTURE CONNECTION
120	JUNCTION PIT	600	900			300	42.438	44.062	1.624			
Ex. 135	ENDPIPE			300	42.457	300	42.457	44.184	1.727			REMOVE STEEL PLATE AND CONNECT TO EXISTING DRAINAGE
136	SIDE ENTRY PIT	600	900	300	42.531	300	42.49	44.217	1.727	EDCM 601		
136A	SIDE ENTRY PIT	600	900			300	42.688	44.209	1.521	EDCM 601		
128EP	ENDPIPE					300	42.554	44.373	1.819			DRAINAGE STUB FOR FUTURE CONNECTION
Ex. 152	ENDPIPE			300	42.952	300	42.952	44.518	1.566			REMOVE STEEL PLATE AND CONNECT TO EXISTING DRAINAGE
223A	JUNCTION PIT	600	900	300	43.021	300	43.001	44.54	1.539	EDCM 605		
223	SIDE ENTRY PIT	600	900	288	43.124	300	43.104	44.623	1.519	EDCM 601		
131	JUNCTION PIT	600	900	225	43.198	300	43.167	44.623	1.456	EDCM 605		
132	JUNCTION PIT	600	900			225	43.326	44.72	1.394	EDCM 605		
288	SIDE ENTRY PIT	600	900	300	43.199	300	43.149	44.895	1.746	EDCM 601		
289	JUNCTION PIT	600	900			300	43.365	44.898	1.534	EDCM 605		
290	SIDE ENTRY PIT	600	900			300	43.242	44.85	1.608	EDCM 601		
291	DOUBLE SIDE ENTRY PIT	1200	900	450	43.008	525	42.933	44.7	1.767	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
298	DOUBLE SIDE ENTRY PIT	600	900	450	43.099	450	43.17	44.725	1.555	EDCM 602		
299	ENDPIPE			375	43.373	375	43.373	44.952	1.579			CAP END OF PIPE WITH STEEL PLATE FOR FUTURE CONNECTION
14	JUNCTION PIT	1200	900	525	42.891	900	42.513	44.906	2.393	EDCM 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
292	ENDPIPE			300	43.313	300	43.313	44.945	1.632			CAP END OF PIPE WITH STEEL PLATE FOR FUTURE CONNECTION
Ex.EP2	ENDPIPE			900	42.188	900	42.188	44.502	2.314			REMOVE STEEL PLATE AND CONNECT TO EXISTING DRAINAGE
12	DOUBLE SIDE ENTRY PIT	1200	900	900	42.259	900	42.209	44.432	2.236	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
13	DOUBLE SIDE ENTRY PIT	1200	900	900	42.435	900	42.385	44.651	2.269	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
15	SIDE ENTRY PIT	1050	900	750	42.763	750	42.713	45.035	2.322	EDCM 601 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
16	DOUBLE SIDE ENTRY PIT	1200	900	750	42.889	750	42.839	45.023	2.184	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
17	JUNCTION PIT	1200	900	750	42.97	750	42.92	45.099	2.18	EDCM 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
18	DOUBLE SIDE ENTRY PIT	1200	900	675	43.072	750	42.996	45.041	2.045	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT
305	DOUBLE SIDE ENTRY PIT	900	900	675	43.142	675	43.092	45.069	1.977	EDCM 602 & 607		PIT TO BE HAUNCHED TO 600x900 COVER TOWARDS PAVEMENT

AS CONSTRUCTED PLANS

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Quality Management ISO 9001
 OHS Management AS/NZS 1801
 Environmental Management ISO 14001

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TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

SCALE AS SHOWN AT A1

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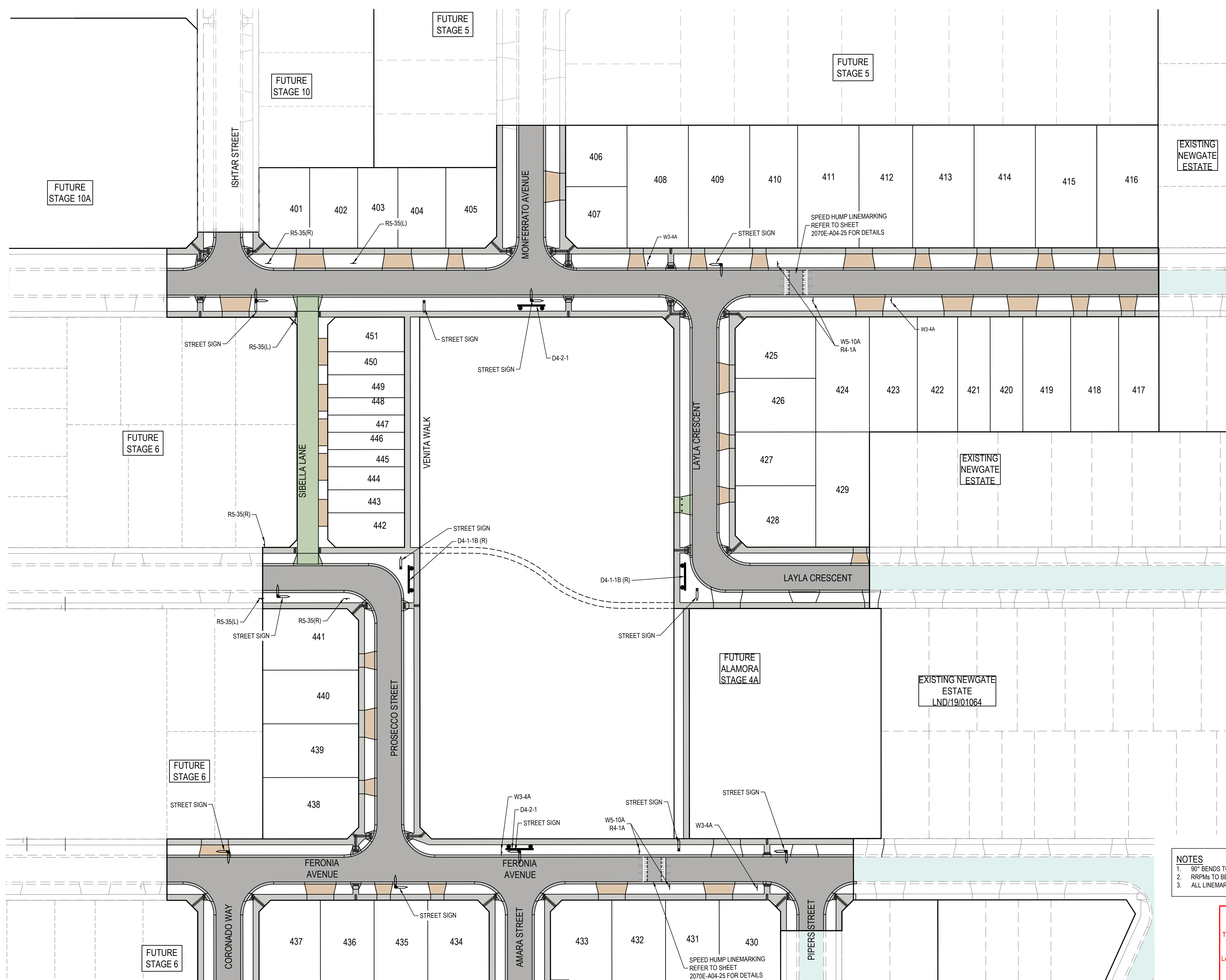
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ALAMORA
Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Pit Schedule

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-22	SHEET No. 22 of 26	REVISION 4
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LEGEND - SIGN AND LINEMARKING	
ALL PROPOSED, FUTURE & EXISTING SERVICE LOCATIONS ARE SHOWN INDICATIVELY	
	SPEED LIMIT
R4-1A	
	SPEED HUMP
W5-10	
	SPEED HUMP AHEAD
W3-4A	
	NO STOPPING ON BIN COLLECTION DAY
R5-35(L) (CUSTOM)	
	NO STOPPING ON BIN COLLECTION DAY
R5-35(R) (CUSTOM)	
	HAZARD MARKER
D4-1-1B (R)	
	HAZARD MARKER
D4-2-1	

- NOTES**
- 90° BENDS TO HAVE CENTRELINE MARKING WITH RRPMS AT MAX 6m SPACING.
 - RRPMS TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOL 2.
 - ALL LINEMARKING & SIGNAGE TO BE IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1742.

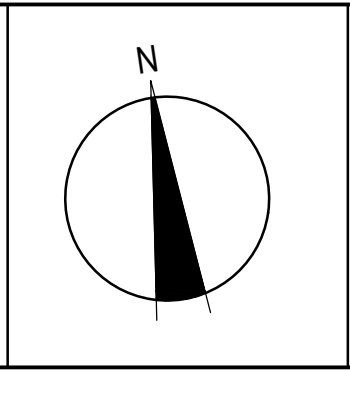
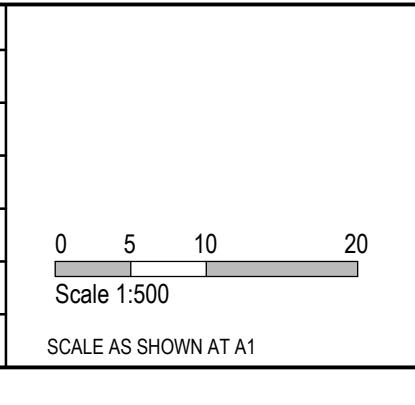
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DIAL 1100 BEFORE YOU DIG
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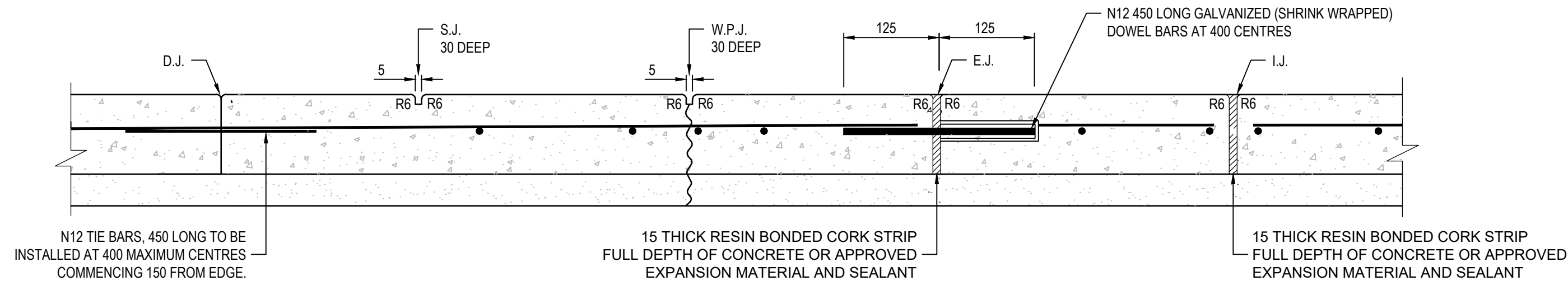
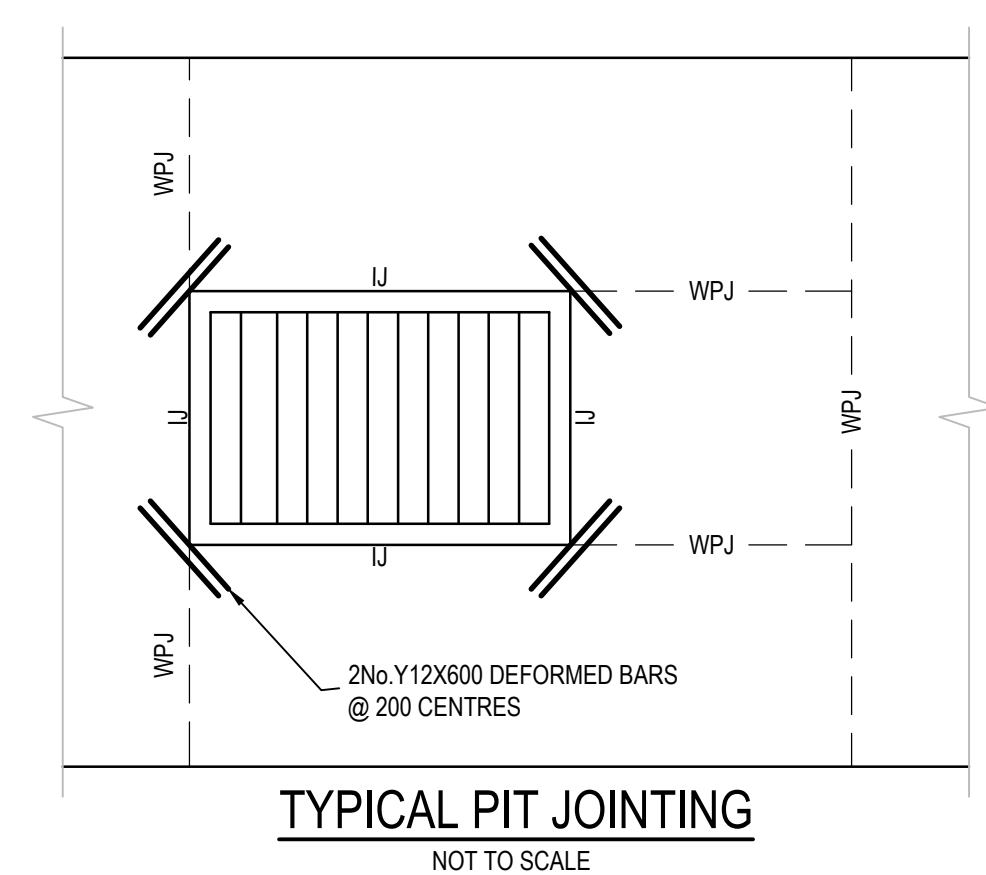
TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	



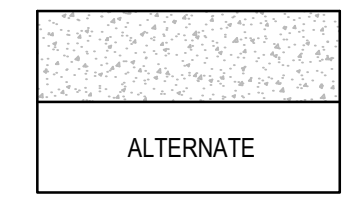
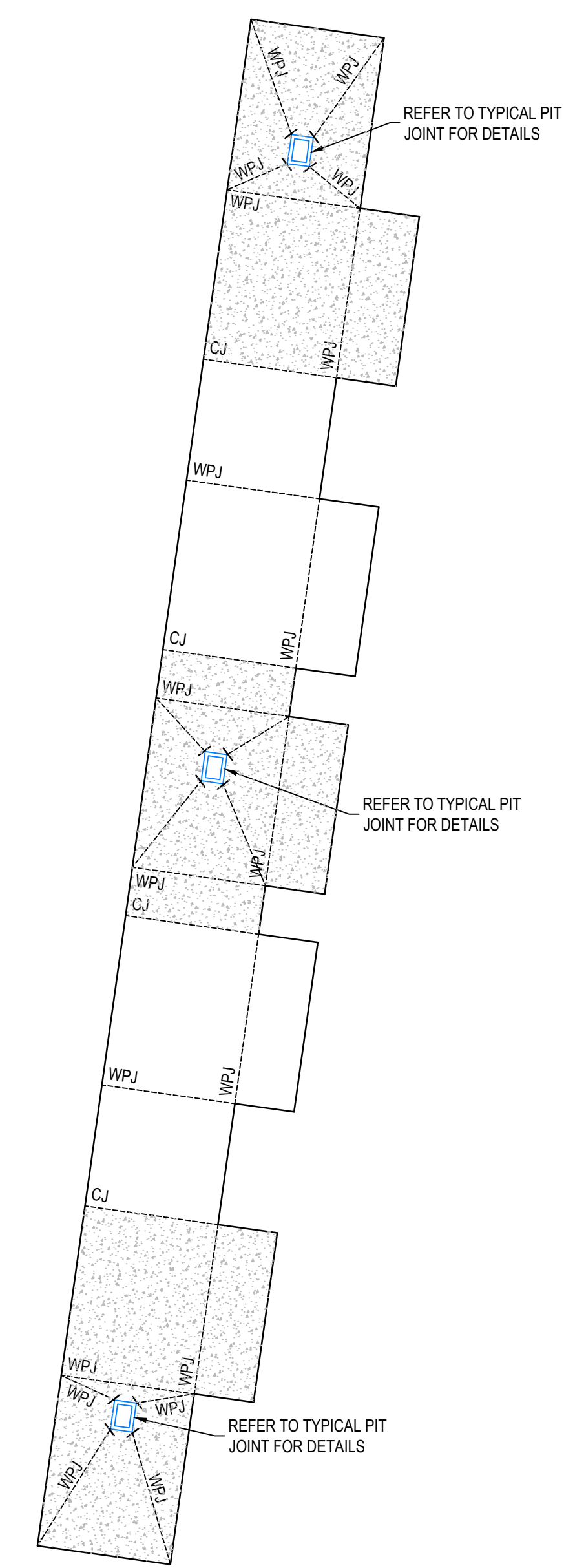
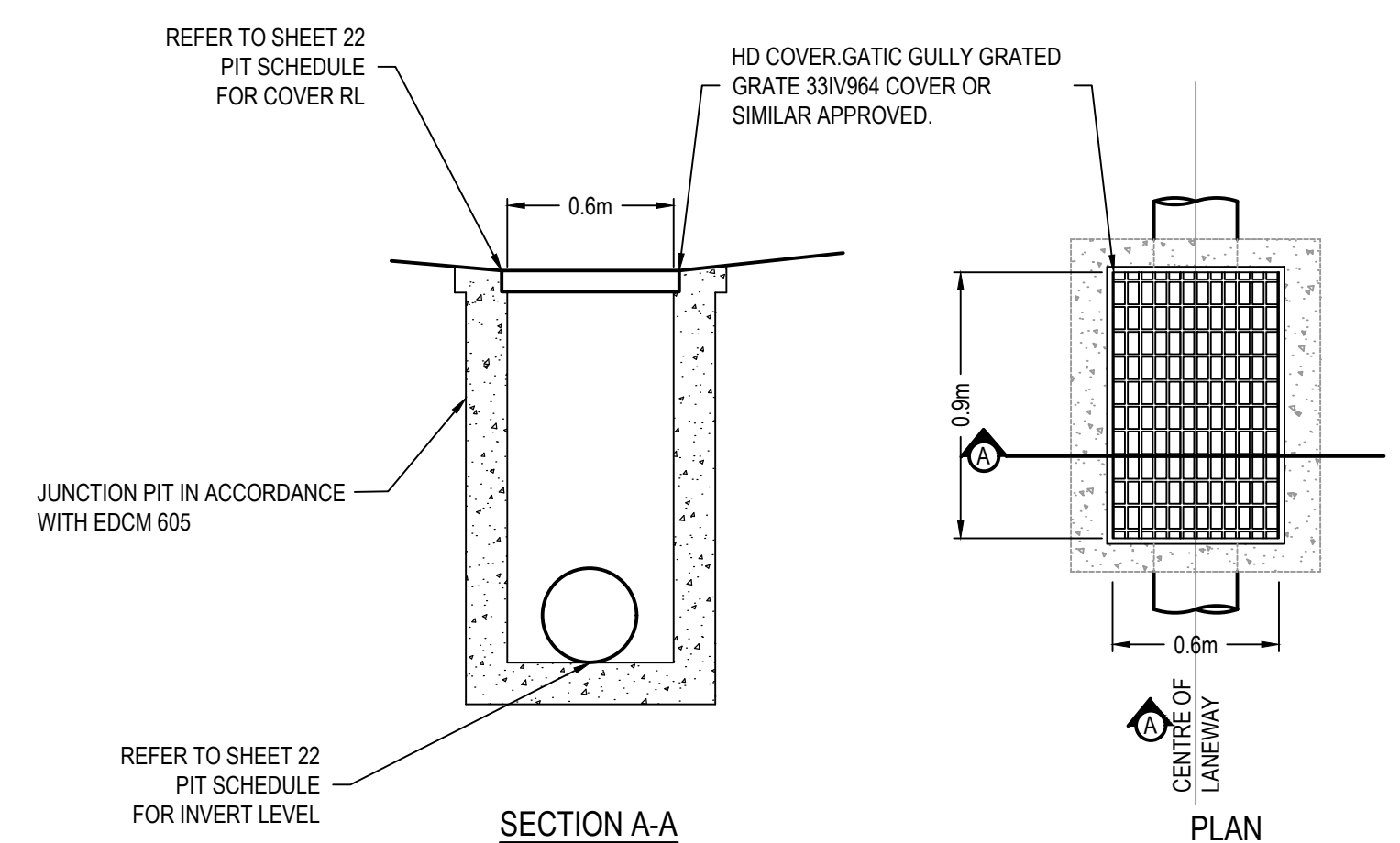
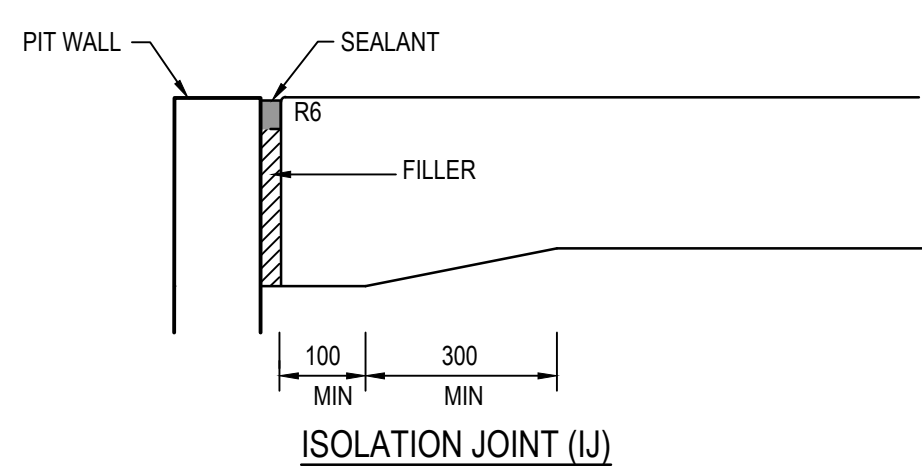
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Alamora - Stage 4, Sayers Road, Tarnait Wyndham City Council Road and Drainage Signage & Linemarking Plan		MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-23	SHEET No. 23 of 26	REVISION 6
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- NOTES:**
1. CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 AND NOT TO BE TRAFFICKED UNTIL AT LEAST SEVEN DAYS AFTER POURING.
 2. SAW CUTS ARE TO BE PLACED BETWEEN 12 & 24 HOURS AFTER COMPLETION OF POUR, DEPENDING ON CONCRETE CONDITIONS. REFER TO CEMENT AND CONCRETE ASSOCIATION "INDUSTRIAL FLOORS & PAVEMENTS" MANUAL SECTION 8.2 "SAWN JOINTS" FOR FURTHER ADVICE. THE TIMING OF SAWING IS CRITICAL & SHOULD COMMENCE AS EARLY AS POSSIBLE BEFORE RANDOM CRACKING CAN OCCUR, BUT AFTER THE CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT RAVELLING OR TEARING OF THE SURFACE UNDER THE ACTION OF THE SAW. SAWING METHODS SUCH AS SOFFCUT ARE TO BE ENCOURAGED.
 3. DEPTH OF CUT = 1/3 x DESIGNATED SLAB THICKNESS
 4. SLABS MUST NOT BE POURED IF THE TEMPERATURE EXCEEDS 32°C.
 5. HOT WEATHER PLACING (25°C AND OVER) MAY REQUIRE SLABS TO BE SAWCUT AS SOON AS 5-6 HOURS AFTER POURING.
 6. ANY SLAB BAY IN WHICH SHRINKAGE CRACKS OCCUR DUE TO LATE SAWCUTTING MUST BE REMOVED AND REPLACED BY THE BUILDER/CONTRACTOR.
 7. CONTROL JOINTS IN CONCRETE SLAB AT REGULAR INTERVALS NOT EXCEEDING 5 METRES IN EACH DIRECTION. CONTROL JOINTS MAY BE EITHER SAWCUT OR KEYS CONSTRUCTION JOINTS.
 8. TRANSVERSE/CONTRACTION JOINTS ARE TO BE PLACED AT A MAXIMUM SPACING OF 15m.
 9. ALL JOINTS SHALL BE LOCATED AND SPACED IN ACCORDANCE WITH CCAA - GUIDE (CEMENT & CONCRETE ASSOCIATION OF AUSTRALIA).



AS CONSTRUCTED PLANS

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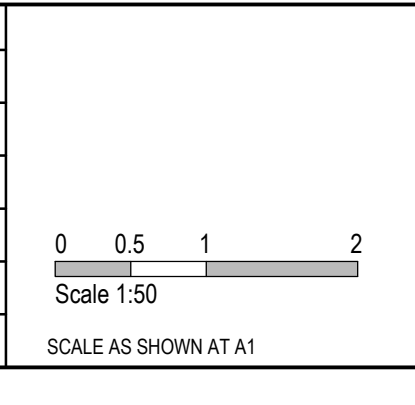
AS CONSTRUCTED

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Quality Management - ISO 9001
OHS Management - AS/NZS 4801
Environmental Management - ISO 14001

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TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	



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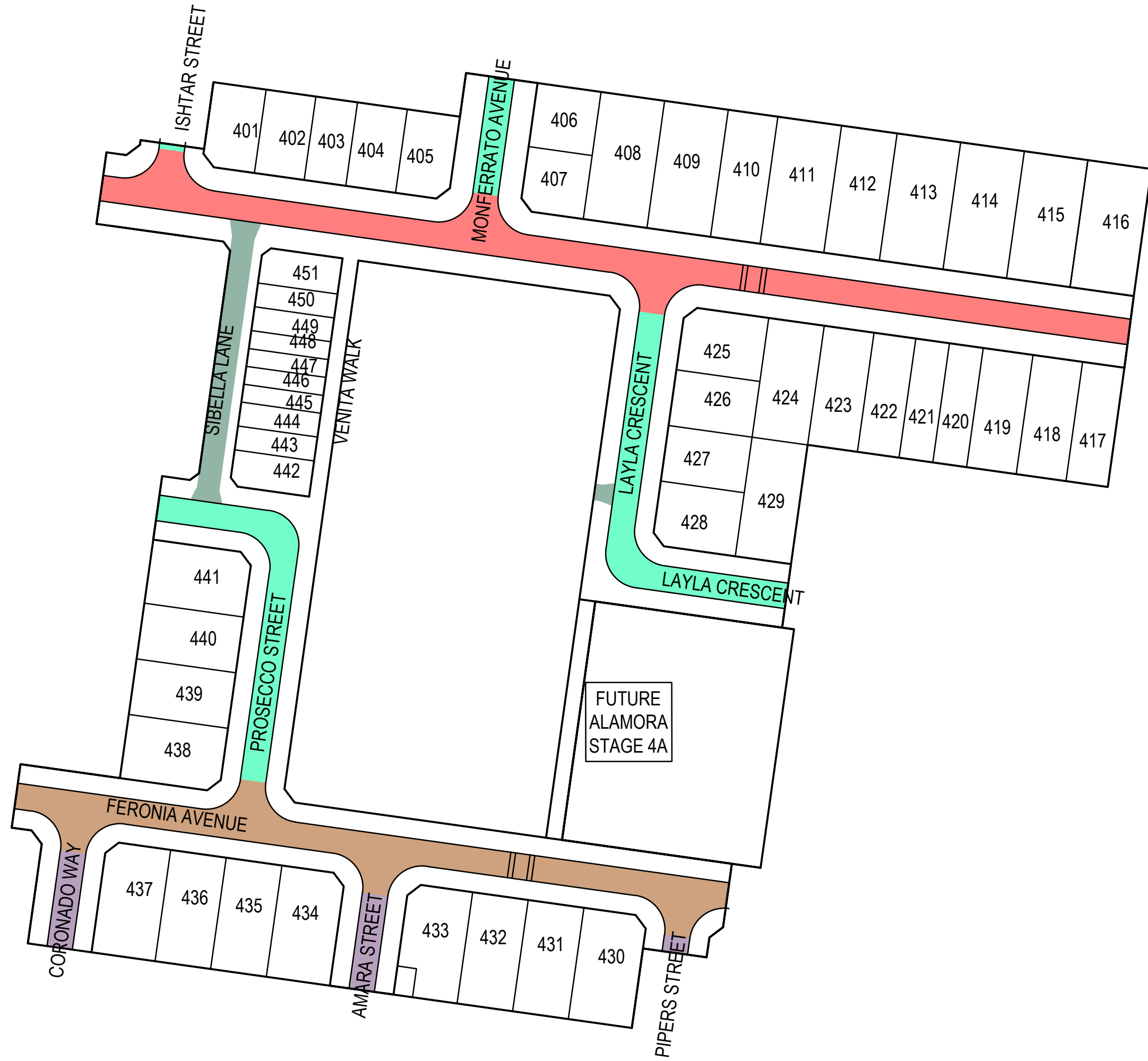
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ALAMORA
Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
Wyndham City Council
Road and Drainage
Concrete Joints Plan & Details

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-24	SHEET No. 24 of 26	REVISION 3
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NOTE
 ALL PAVEMENT DESIGNS HAVE BEEN PROVIDED BY TONKIN AND TAYLOR. SMEC IS NOT RESPONSIBLE FOR GEOTECHNICAL OR PAVEMENT RELATED DESIGNS AND IS NOT RESPONSIBLE FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THESE DESIGNS. THE PAVEMENT COMPOSITIONS SHOWN ON THIS DRAWING HAVE BEEN REPRODUCED FROM THE PAVEMENT REPORT FOR THIS DEVELOPMENT STAGE. THIS DOCUMENT SHOULD BE REVIEWED BY THE CONTRACTOR TO ENSURE DESIGN HAS BEEN INTERPRETED CORRECTLY. A COPY OF THIS DOCUMENT WILL BE MADE AVAILABLE ON REQUEST. ANY DIFFERENCES FROM THIS REQUIREMENTS SHOWN ARE TO BE NOTIFIED TO THE SUPERINTENDENT BEFORE PROCEEDING.

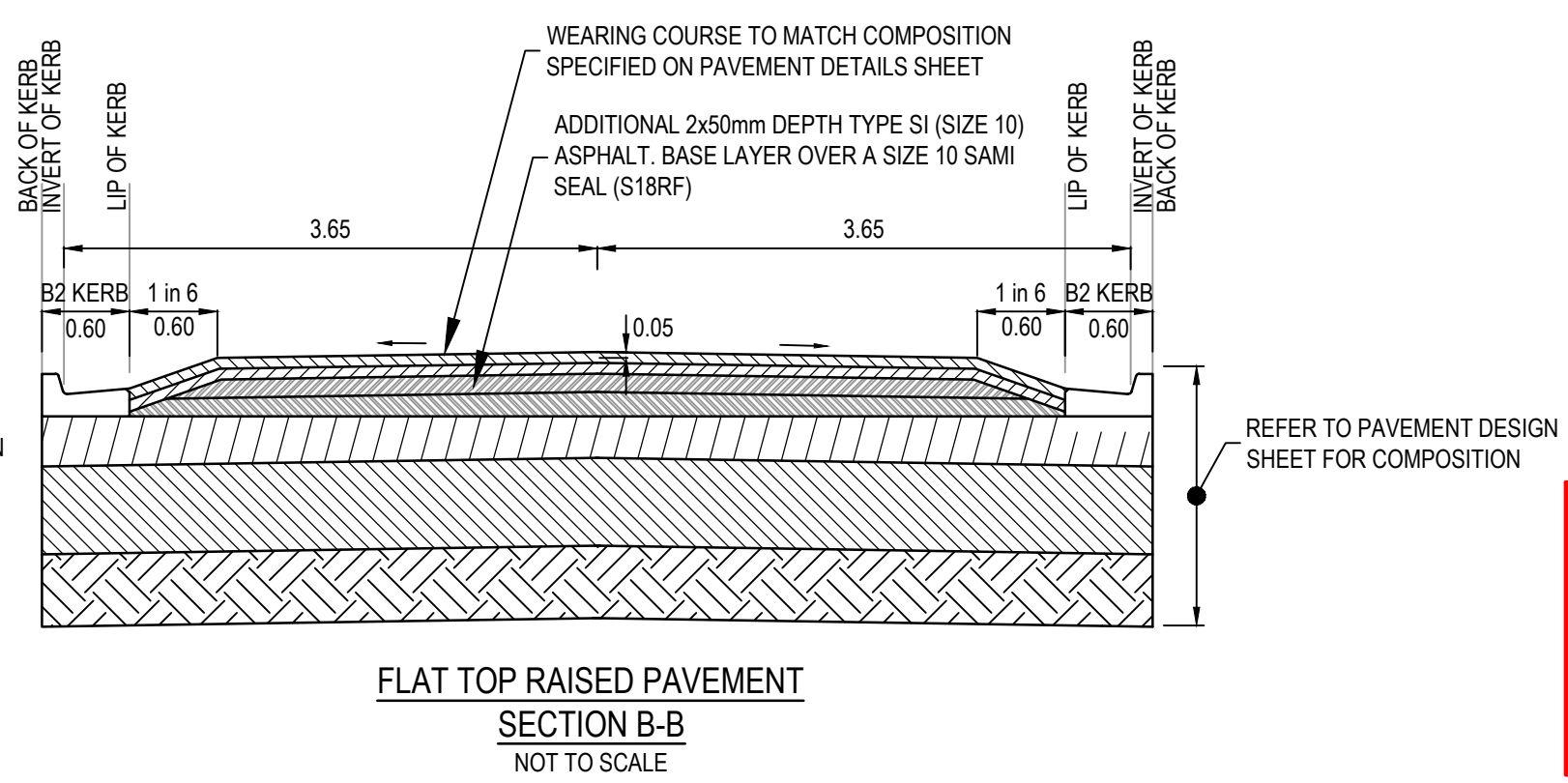
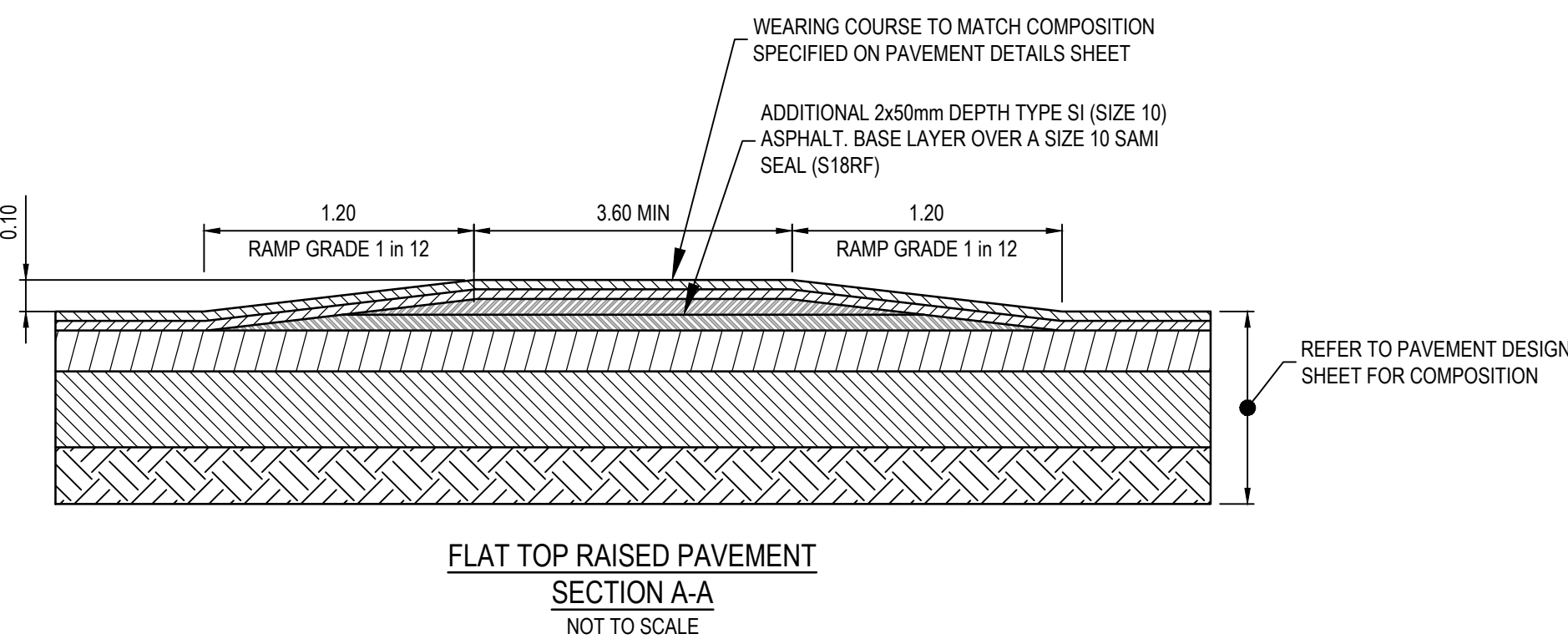
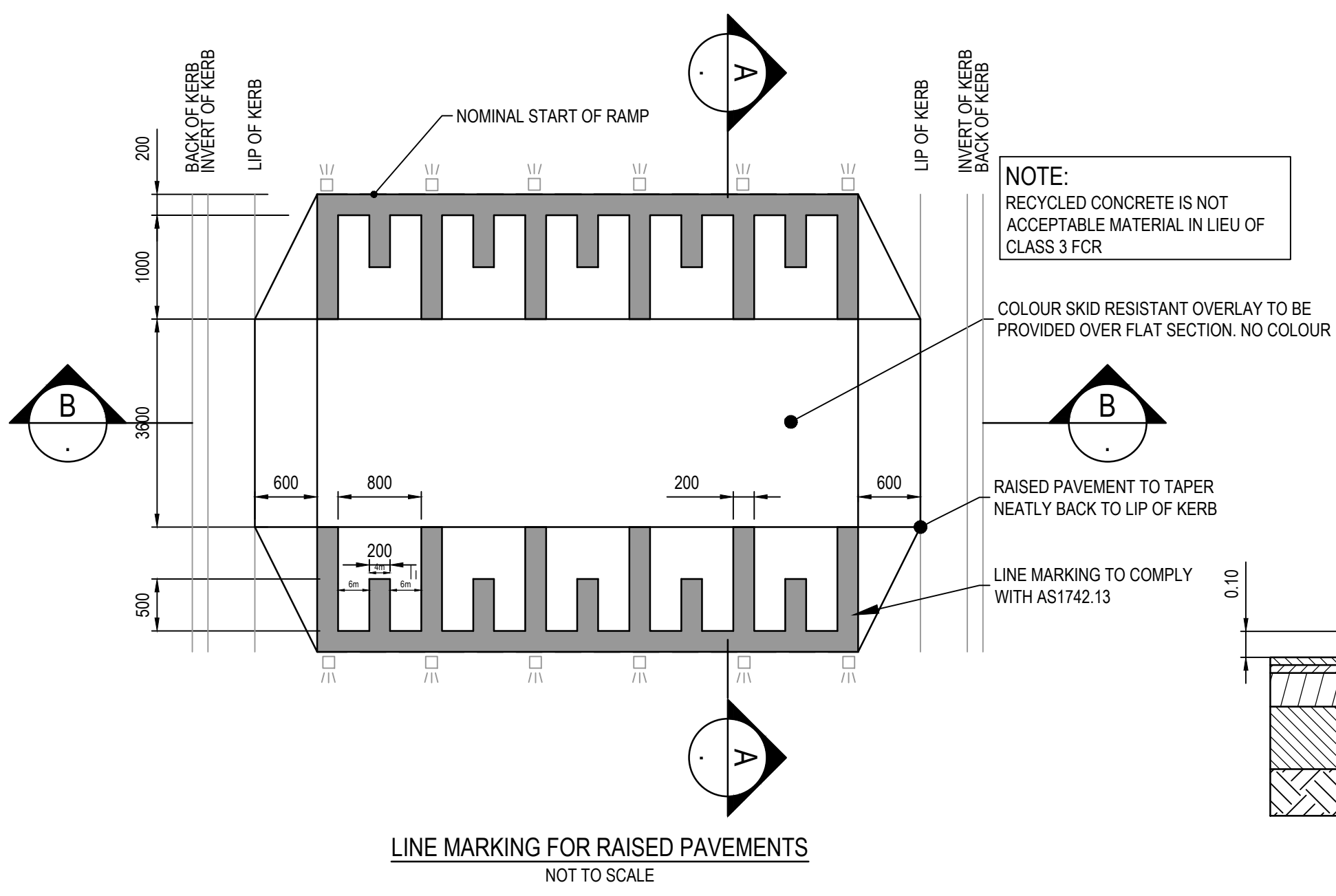
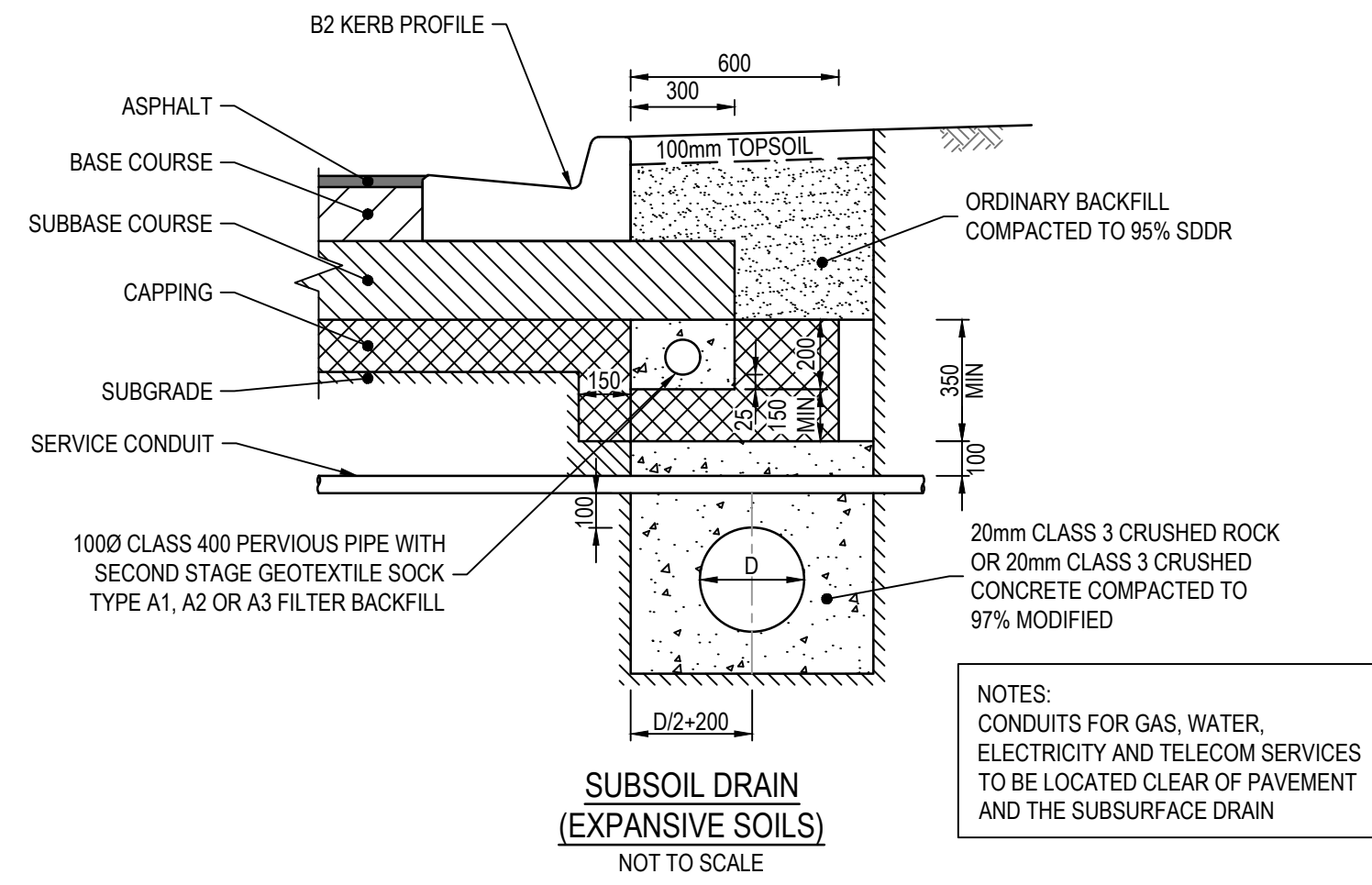


ACCESS STREET LEVEL 1 - CENTURION AVENUE PAVEMENT COMPOSITION		
670mm DEEP PAVEMENT (INCLUDING 250mm DEEP CAPPING) AND 200mm SUBGRADE		
PAVEMENT LAYER	DEPTH (mm)	MATERIAL
ASPHALT	WEARING COURSE	30 SIZE 10 TYPE N ASPHALT CLASS 320 BINDER
	INTERMEDIATE COURSE	30 SIZE 10 TYPE N ASPHALT CLASS 320 BINDER
	SAMI SEAL	- SIZE 10 SAMI SEAL S18RF
	BITUMINOUS PRIME	- BITUMINOUS PRIME
BASE COURSE	130	SIZE 20 CLASS 2 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) AS1289, 5.2.1
SUBBASE COURSE	230	SIZE 20 CLASS 3 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) AS1289, 5.2.1
CAPPING	250	RIPPED ROCK (SELECT FILL) OR STABILISED CLAY MEETING THE FOLLOWING PROPERTIES: CBR >=7%, PERMEABILITY k < 1x10 ⁻⁹ ms AND SWELL < 1.5% MATERIAL, COMPACTED TO A MINIMUM DENSITY RATIO 98% (STANDARD) AS1289, 5.1.1
SUBGRADE/CONSTRUCTION LAYER	200	RIPPED ROCK OR STABILISED CLAY MEETING THE FOLLOWING PROPERTIES: CBR >=7%, PERMEABILITY k < 1x10 ⁻⁹ ms AND SWELL < 1.5% MATERIAL, COMPACTED TO A MINIMUM DENSITY RATIO 98% (STANDARD) AS1289, 5.1.1

ACCESS LANE- CORONADO WAY, AMARA STREET AND PIPERS STREET PAVEMENT COMPOSITION		
520mm DEEP PAVEMENT (INCLUDING 200mm DEEP CAPPING) AND 200mm SUBGRADE		
PAVEMENT LAYER	DEPTH (mm)	MATERIAL
ASPHALT	WEARING COURSE	20 SIZE 7 TYPE L ASPHALT CLASS 320 BINDER
	INTERMEDIATE COURSE	30 SIZE 10 TYPE N ASPHALT CLASS 320 BINDER
	SAMI SEAL	- SIZE 10 SAMI SEAL S18RF
	BITUMINOUS PRIME	- BITUMINOUS PRIME
BASE COURSE	140	SIZE 20 CLASS 2 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) AS1289, 5.2.1
SUBBASE COURSE	130	SIZE 20 CLASS 3 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) AS1289, 5.2.1
CAPPING	200	RIPPED ROCK (SELECT FILL) OR STABILISED CLAY MEETING THE FOLLOWING PROPERTIES: CBR >=7%, PERMEABILITY k < 1x10 ⁻⁹ ms AND SWELL < 1.5% MATERIAL, COMPACTED TO A MINIMUM DENSITY RATIO 98% (STANDARD) AS1289, 5.1.1
SUBGRADE/CONSTRUCTION LAYER	200	RIPPED ROCK OR STABILISED CLAY MEETING THE FOLLOWING PROPERTIES: CBR >=7%, PERMEABILITY k < 1x10 ⁻⁹ ms AND SWELL < 1.5% MATERIAL, COMPACTED TO A MINIMUM DENSITY RATIO 98% (STANDARD) AS1289, 5.1.1

LANEWAY - SIBELLA LANE PAVEMENT COMPOSITION		
300mm DEEP PAVEMENT		
PAVEMENT LAYER	DEPTH (mm)	MATERIAL
CONCRETE	200	CONCRETE, 32MPa, SL82 MESH, 40mm TOP COVER
BASE COURSE	100	SIZE 20 CLASS 3 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) AS1289, 5.2.1

ACCESS STREET LEVEL 2 - FERONIA AVENUE PAVEMENT COMPOSITION		
730mm DEEP PAVEMENT (INCLUDING 250mm DEEP CAPPING) AND 200mm SUBGRADE		
PAVEMENT LAYER	DEPTH (mm)	MATERIAL
ASPHALT	WEARING COURSE	40 SIZE 14 TYPE N ASPHALT CLASS 320 BINDER
	INTERMEDIATE COURSE	40 SIZE 14 TYPE HP ASPHALT CLASS A10E BINDER
	SAMI SEAL	- SIZE 10 SAMI SEAL S18RF
	BITUMINOUS PRIME	- BITUMINOUS PRIME
BASE COURSE	110	SIZE 20 CLASS 2 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) AS1289, 5.2.1
SUBBASE COURSE	290	SIZE 20 CLASS 3 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) AS1289, 5.2.1
CAPPING	250	RIPPED ROCK (SELECT FILL) OR STABILISED CLAY MEETING THE FOLLOWING PROPERTIES: CBR >=7%, PERMEABILITY k < 1x10 ⁻⁹ ms AND SWELL < 1.5% MATERIAL, COMPACTED TO A MINIMUM DENSITY RATIO 98% (STANDARD) AS1289, 5.1.1
SUBGRADE/CONSTRUCTION LAYER	200	RIPPED ROCK OR STABILISED CLAY MEETING THE FOLLOWING PROPERTIES: CBR >=7%, PERMEABILITY k < 1x10 ⁻⁹ ms AND SWELL < 1.5% MATERIAL, COMPACTED TO A MINIMUM DENSITY RATIO 98% (STANDARD) AS1289, 5.1.1



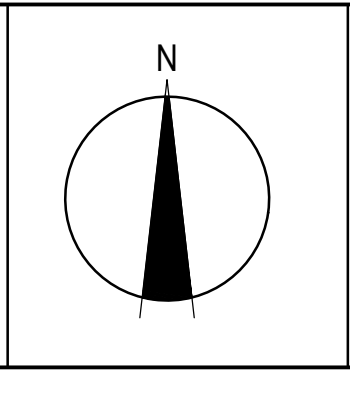
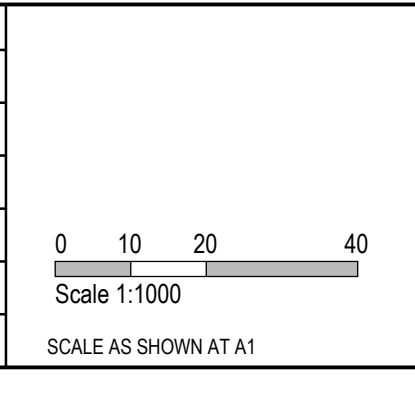
ACCESS PLACE - MONFERRATO AVENUE, LAYLA CRESCENT, PROSECCO & ISHTAR STREET PAVEMENT COMPOSITION		
530mm DEEP PAVEMENT (INCLUDING 200mm DEEP CAPPING) AND 200mm SUBGRADE		
PAVEMENT LAYER	DEPTH (mm)	MATERIAL
ASPHALT	WEARING COURSE	30 SIZE 10 TYPE L ASPHALT CLASS 320 BINDER
	INTERMEDIATE COURSE	30 SIZE 10 TYPE N ASPHALT CLASS 320 BINDER
	SAMI SEAL	- SIZE 10 SAMI SEAL S18RF
	BITUMINOUS PRIME	- BITUMINOUS PRIME
BASE COURSE	130	SIZE 20 CLASS 2 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 98% (MODIFIED) AS1289, 5.2.1
SUBBASE COURSE	140	SIZE 20 CLASS 3 CRUSHED ROCK, COMPACTED TO A MINIMUM DENSITY RATIO OF 96% (MODIFIED) AS1289, 5.2.1
CAPPING	200	RIPPED ROCK (SELECT FILL) OR STABILISED CLAY MEETING THE FOLLOWING PROPERTIES: CBR >=7%, PERMEABILITY k < 1x10 ⁻⁹ ms AND SWELL < 1.5% MATERIAL, COMPACTED TO A MINIMUM DENSITY RATIO 98% (STANDARD) AS1289, 5.1.1
SUBGRADE/CONSTRUCTION LAYER	200	RIPPED ROCK OR STABILISED CLAY MEETING THE FOLLOWING PROPERTIES: CBR >=7%, PERMEABILITY k < 1x10 ⁻⁹ ms AND SWELL < 1.5% MATERIAL, COMPACTED TO A MINIMUM DENSITY RATIO 98% (STANDARD) AS1289, 5.1.1

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AS CONSTRUCTED

TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	



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ALAMORA
 Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Pavement Details

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-25	SHEET No. 25 of 26	REVISION 6
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Project Name: Alamora Stage 4	Design Package: 2070E-A04
	Date: 12/09/2019

PHASE	DISCIPLINE CODE	RISK REGISTER - CONSTRUCTION / OPERATIONS / MAINTENANCE		RISK OWNER	POTENTIAL CONSEQUENCES	POTENTIAL ELIMINATION MEASURE, DESIGN INITIATIVE or CONTROL (Identify any Standard or Code of practice used)	HOW ISSUE ADDRESSED IN DESIGN AND/OR CONSTRUCTION OF THE WORKS	IS THE RISK ELIMINATED YES/NO	Score remaining residual risk		
		POTENTIAL RISK							Residual Risk Likelihood (0-5)	Residual Risk Consequence (0-5)	Residual Risk Rating
			Road Furniture / Roadside features								
Construction	RD	Roads	Construction close to live traffic	Contractor	Disruptions to live traffic, construction incident involving live traffic.	Provide safe temporary traffic control (TCP)	TCP provided within contract	N	5	3	15
Construction	RD	Roads	Culverts	Contractor	Potential risk from culverts under construction and height / fall hazards	Temporary barriers to be provided	Temporary barrier provided in contract	N	2	5	10
Construction	US	Utilities or Services	Utilities become a hazard within clear zones	Contractor	Vehicle conflict with utility / pit	Sequence works and protect with temp barrier or traffic control (TCP)	TCP provided within contract	N	1	5	5
Operational	RD	Roads	Sight Lines	Road Authority	Inadequate drivers response time.	Ensure design complies with relevant standard. Undertake thorough Safety Audit	Vis lines checked and discussed with approval authority as part of design approval process	N	1	4	4
Operational	LS	Lines and Signs	Signs and street lights	Road Authority	Potential for drivers / riders to strike signs and street lights	Ensure design complies with relevant standard. Undertake thorough Safety Audit	Refer to appropriate standard for sign and lighting offsets	N	1	4	4
Operational	RF	Road Furniture	Headwalls	Road Authority	Potential vehicle conflict within clear zone	Establish adequate clear zone provision	Adequate barrier provided as per appropriate standard where within clear zone. Culvert headwall selection in accordance with authority standard	N	2	4	8
Operational	RD	Roads	Culverts	Relevant Authority	Potential fall hazard during maintenance, by vehicles and pedestrians	Barriers to be provided in accordance with road standards	Barriers to be provided and safe batter slopes (>1:3)	N	2	5	10
			Retaining Walls								
Construction	RW	Retaining Walls	Retaining Wall Alignment	Contractor	Falling from height during construction or commissioning of walls and adjacent structures eg. sewer manholes	Provide temporary and permanent fencing at top of wall.	Provide fencing (at heights) during design process	N	1	1	1
Operational	RW	Retaining Walls	Retaining Wall Alignment	Road/ Local Authority	Lack of safe access/setback from road	Establish adequate and accessible clear zone provision. Provide guardrail where required	Wall located in suitable position during design process and approved by authority	N	1	1	1
Operational	RW	Retaining Walls	Retaining Wall Height	Road/ Local Authority	Potential for falling from height	Provide temporary and permanent fencing at top of wall.	Provide fencing (at heights) during design process	N	1	5	5
Operational	RW	Retaining Walls	Retaining Wall Design	Road/ Local Authority	Potential for wall failure	Structural design in accordance with standards, geotechnical conditions, end use and good practise.	Refer to structural drawings and calculations	N	1	5	5
			Drainage								
Operational	DR	Drainage	Grated Pits	Relevant Authority	Trip/fall hazard with large spaced grate	Provide pedestrian/bicycle friendly grates where applicable. Refer to pit schedule	Design in accordance with authority and manufacturers standards	N	3	2	6
Operational	DR	Drainage	Non Standard Large Pits	Relevant Authority	Potential for pit failure	Structural design in accordance with relevant design principles.	Refer to structural drawings and calculations	N	1	4	4
Operational	DR	Drainage	Culvert Endwalls/Headwalls	Relevant Authority	Potential for falling from height	Fencing to be provided where culverts/headwalls are at height in accordance with relevant authority standards	Allow for fencing in Design Process	N	1	4	4
Operational	DR	Drainage	Culvert Endwall/Headwall Outlets	Relevant Authority	Children playing in large pipes / watercourses and access for maintenance	Grate provided to authority standards	Design in accordance with authority and manufacturers standards	N	2	5	10
Maintenance	DR	Drainage	Access to Pits	Relevant Authority	Lack of safe access for maintenance	Provide safe working conditions for maintenance. Provide safe landing/ access arrangements as per relevant authority standards	Where possible design pit in location for easy access and outside of permanent water bodies	N	2	5	10
Maintenance	DR	Drainage	Deep Pits	Relevant Authority	Lack of safe entry for maintenance	Contractor to be certified for work in confined spaces, step irons to be provided to appropriate authority standards. Refer to pit schedule	Design in accordance with authority standards	N	1	5	5
Maintenance	DR	Drainage	Access to drains / culverts	Relevant Authority	Lack of safe access for maintenance	Provide safe working conditions for maintenance. Access as approved by authority	Design pit in location for easy access as agreed with authority	N	2	3	6
			Sewer								
Construction	SE	Sewer	Sewer Manhole located adjacent to Retaining Wall Alignment	Contractor	Falling from height during construction or commissioning of adjacent sewer manholes	Provide temporary fencing until such time that permanent fencing is constructed	Provide fencing (at heights) during design process	N	1	1	1
Maintenance	SE	Sewer	Deep Manholes	Relevant Authority	Lack of safe entry for maintenance	Contractor to be certified for work in confined spaces, landings and step access provided as per authority standards and schedule	Design in accordance with authority standards. Refer pit schedule on drawings	N	1	5	5
Maintenance	SE	Sewer	Access to Manholes	Relevant Authority	Lack of safe access for maintenance	Provide safe working conditions for maintenance. Manholes located in compliance with authority standards	Where possible design manhole in location for easy access	N	1	5	5
Maintenance	SE	Sewer	Pump Station Access	Relevant Authority	Lack of safe access for maintenance	Provide safe working conditions for maintenance	Design pump station in location for easy access	N	2	4	8
			Electricity								
Operational	ES	Electrical Services	Electrical Design	Relevant Authority	Location of assets within clear zones e.g., pits/ substations	Electrical designed by sub consultant with appropriate accreditation and in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	2	3	6
			Telstra								
Operational	TE	Telstra	Telstra Design	Relevant Authority	Location of assets within clear zones e.g., pits	Telecommunications designed by authority consultant with appropriate accreditation and in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	2	3	6
			Water								
Operational	WA	Water	Water Design	Relevant Authority	Location of assets within clear zones e.g., pits/ substations	Water pits designed in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	2	3	6
			Gas								
Operational	GA	Gas	Gas Design	Relevant Authority	Location of assets within clear zones e.g., pits/ substations	Water pits designed in accordance with authority standards	Pits designed below ground. Where above ground adequate offset from vehicle clear zones has been provided or barrier protection provided	N	1	1	1

AS CONSTRUCTED PLANS

The purpose of these as-constructed plans is to update the design drawings to show significant changes which occurred during construction. Note that the levels shown on these plans are design levels, and have not been verified by survey. All information shown on these plans should be verified on site. SMEC Australia Pty Ltd accept no responsibility for loss or damages resulting from the inappropriate usage of these plans.

AS CONSTRUCTED

All setting out should be carried out in accordance with MPA/Council's standard drawings or as nominated on hard copy plans provided by SMEC. Any digital information supplied by this office is for information only. Any discrepancies should be discussed with the superintendent.

Quality Management - ISO 9001
 OHS Management - AS/NZS 1801
 Environmental Management - ISO 14001

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TITLE	NAME
DRAFTER	S.Mango
DESIGNER	N.Freeman
CHECKED	C.Sexton
AUTHORISED	D.Powell
REFERENCE No. 1	
REFERENCE No. 2	

SCALE AS SHOWN AT A1

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ALAMORA
Tarnait

Alamora - Stage 4, Sayers Road, Tarnait
 Wyndham City Council
 Road and Drainage
 Safety In Design

MELWAYS REF 234 D5	PROJECT / DRAWING No. 2070E-A04-85	SHEET No. 26 of 26	REVISION 1
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